

Robert (Rob) Hunt

Curriculum Vitae



Perth, Western Australia



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Mission Statement

I am *determined* to leverage my organisational, educational, management and manual skill sets to help improve the human condition. My accumulated education and experience in biological and physical sciences, academic research, teaching and training, construction, hospitality, mentoring, management, coordination, and self-employment, have prepared me well to make a positive impact on people, organisations and ideas. I'm especially interested in the natural environment and how the general public and under-represented groups, access knowledge of their physical world.

Qualities

- strong independent research skills and attention to detail;
- highly organised and well-developed time management;
- frequent, clear and solution-oriented communicator;
- self-motivated and capable of working unsupervised;
- well-developed client service and complaints management;
- well-developed ability to delegate work and negotiate with staff;
- creativity and initiative regarding solutions to staffing and policy;
- experienced Academic Coordinator/Teaching Associate/Logistics/Tutor;
- experienced technical writer and proof reader;
- experienced Operations/Project Manager;
- experienced educator and event facilitator;
- accomplished and broad software experience, including social media;
- high level interpersonal skills;
- pro-active and energetic problem solver;
- task-driven as well as 'big picture' project design;
- passion to learn new skills;
- cross-platform computer and A/V skills;
- experience with multicultural workplace and clients;
- management of client and staff welfare;
- inter-departmental capability within organisations;
- preparedness to assume wide variety of roles within organisations;
- ability to negotiate, design, develop, facilitate and promote concepts and events; and
- broad manual and academic capability.

Experience

Online Student (2020 +)

Juris Doctor, Flinders University, Adelaide

Responsibilities:

- study three topics towards JD: The Australian Legal System, Legal Analysis and Problem Solving, Dispute Resolution.

Care Giver (2019 +)

Home Instead Senior Care Perth and Mandurah, Mabel Technologies

Responsibilities:

- client support: med prompt, domestic services, social support;
- male support, property maintenance, palliative care, transport and supervision;
- reporting and recommendation of Care Plans for elderly; and
- attend professional development events.

Achievements:

- provided appropriate support for clients with dementia, palliative cancer, cerebral palsy, post-op recuperation, social isolation, Parkinson's Disease, stroke.

Participant – New Enterprise Incentive Scheme (2018 +)

Scubayorp STEM Outreach, Perth

Responsibilities:

- design and develop a viable business based on astronomy and space science;
- participation New Enterprise Incentive Scheme 35 hours per week;
- attend workshops and Cert III Micro Business Operations learning events;
- deliver research findings on Business Plan and population demographics; and
- market and sell products and services to meet sales targets.

Achievements:

- completed all Responsibilities: and received Cert III Micro Business Operations;
- delivered sky-watching and Einsteinian physics workshops to local, regional, tourism businesses, schools, community centres and home-learning audiences across WA;
- grew business 100% in 9 months; and
- shut down business due to COVID19.

Participant – Australian Space Agency Establishment Process (2017 +)

Australian Space Agency, Perth

Responsibilities:

- attend meetings and reviews to assist formation of the Australian Space Agency.

Achievements:

- consulted with WA Chief Scientist and Australian Space Agency Directors;
- consulted with researchers, politicians and industry entities;
- emphasized need for outreach qv the fourth pillar of Agency constitution; and
- currently consulting ad hoc directly with the Agency.

Science Journal Reviewer #1 (2019 +)*Ruhuna Journal of Science, University of Ruhuna, Sri Lanka*

Responsibilities:

- ➊ read and review a scientific paper destined for publication;
- ➋ provide anonymous critique and recommendations to author and supervisor; and
- ➌ negotiate with science department for re-evaluation of same paper.

Achievements:

- ➊ completed all reviewer responsibilities and offered to re-assess upon re-submission.

Founder and Managing Director (2017 +)*Scubayorp STEM Outreach, Perth*

Responsibilities:

- ➊ develop an outreach business via astronomy, space and Einsteinian physics;
- ➋ learn and improve skills in accounting, marketing, sales, product and services;
- ➌ cultivate relationships with potential business collaborators;
- ➍ expand into home-schooling, private clubs, schools, community centres; and
- ➎ design and construct gravity well, model rockets and paraphernalia for events.

Achievements:

- ➊ completed all tasks involved in above responsibilities;
- ➋ created event contracts with local shires, discovery centres, tourism businesses;
- ➌ granted Operators License Management Plan for DBCA;
- ➍ registered with Tourism WA; and
- ➎ registered with Australian Tourism Database Warehouse.

Post Graduate Researcher (2018)*Master of Astronomy, Swinburne University of Technology*

Responsibilities:

- ➊ study Master's degree including carrying out two research theses.

Achievements:

- ➊ successfully completed Master's degree including research papers;
- ➋ history of the Lowell-Perth research telescope; and
- ➌ technical review of the four main types of telescopes at the Perth Observatory.

Tutor in Maths, English, Driving and Life Skills (2017)*Foyer Oxford, Anglicare Australia*

Responsibilities:

- ➊ design and deliver maths, comprehension, writing, driving sessions; and
- ➋ provide personal support for young people facing crisis.

Achievements:

- ➊ provided tuition and training for several youths at Foyer Oxford.

Supervising Researcher (2017-18)*Museum of Perth***Responsibilities:**

- supervision of “work-for-the-dole” participants;
- research history of automobile introduction to WA and formation of the RACWA;
- research specific WWII digger histories;
- assist senior researcher;
- supervision of building renovation works;
- interview prospective position-holders from research pool;
- interview museum donors and contributors; and
- administration and planning for MoP.

Achievements:

- supervised up to 30 participants;
- supervised trades workers;
- negotiated many conflicts between participants;
- designed and expanded negotiations with Executive;
- contributed hundreds of hours genealogical and historical research; and
- performed back-of-house functionality and support services.

Academic and Logistics Coordinator/Teaching Associate (2013-16)*International Space University - Adelaide, Australia and Haifa, Israel***Responsibilities:**

- support post-graduate, global space studies program;
- administer logistical coordination of resources, staff and participants;
- attend staff and participant meetings for planning and evaluation purposes;
- manage visiting lecturers' schedule, workshops, teaching activities and thesis work;
- support visiting dignitaries and astronauts;
- create, edit and maintain on-line documents and records;
- conduct ad hoc, spontaneous meetings/seminars on identified topics;
- design and deliver content, schedules, evaluation and graduation of participants;
- coordinate physical setup of venues and equipment; and
- arrange transport, accommodation, external events and functions.

Achievements:

- enthusiastically engaged in 15-hour work days for months at a time;
- successfully liaised with multiple interested parties to manage logistics for over 100; participants to attend workshops, excursions, lectures, public events, seminars;
- designed, edited, and maintained program-specific handbook for participants;
- procurement of normal and unusual products and services for staff and participant;
- provided guidance, logistics and personal support to many space industry dignitaries, politicians and astronauts;
- designed and fabricated unique equipment for demonstrations and workshops;
- provided welfare and career advice to participants;
- mentored participants during intellectually demanding tasks;
- successfully resolved conflict within staff group; and
- delivered ad-hoc tutorials/workshops on astronomy, space science, physics, study techniques, and ESL.

Participant IARPA CREATE Program (2015)

SWARM Project, Melbourne University

Responsibilities:

- participate in collaborative analyses of complex, real world political issues; and
- improve advanced intelligence reasoning for the US government.

Achievements:

- successfully participated in several online, group sessions; and
- used technical logic and analyses to solve fictitious international, threatening issues.

Operations, Staffing, Development and Project Manager (2013-15)

NSB Electrical and Trathan Developments, Perth, Australia

Responsibilities:

- logistics, procurement, customer relations, staffing, scheduling, support, administration, consultation, OHS&E manager; and
- client liaison, conflict resolution, project planning, time management, staff training, factory expansion, inventory and stock management.

Achievements:

- expanded physical premises from backyard shed to industrial warehouse;
- grew business from four people to 12 people over 18 months;
- grew business out of significant debt and quadrupled turnover in 18 months;
- designed and enacted staff contracts and dismissals for disciplinary reasons;
- moved from 'on-tools' to 'management' work when required;
- researched legislation for employment conditions;
- designed and implemented new company policies; and
- managed and expanded vehicle fleet, and plant infrastructure.

State Representative, Education Mentor and Coordinator (2014)

Australian Academy of Technological Sciences and Engineering

Responsibilities:

- sole state coordinator of a science experience workshop for 250, year 9 students at Perth Convention and Exhibition Centre, for Clunies Ross Science Awards;
- promotion of ATSE science kits in WA secondary schools;
- demonstration of ATSE science kits to students and teachers;
- develop and delivery Professional Development days for ATSE science kits; and
- expansion of state-wide use of ATSE science kits.

Achievements:

- distributed and supported urban and regional schools' science kits;
- expanded science teacher network by 10%;
- conducted workshops for science teachers;
- negotiated with all parties including venue, suppliers, scientists, schools, couriers;
- sourced, interviewed and engaged staff for events;
- received and dispatched science equipment and resources for workshops;
- conducted set up, and laboratory preparation of science experiments;
- facilitated 80-person workshop and oversaw three others simultaneously; and
- provided logistics, transport and disposal of post-event resources.

Assistant Engineer, Tour Guide and Exhibit Maintenance Officer (2013-14)
Gravity Discovery Centre, Gingin, WA

Responsibilities:

- assist onsite engineer in designing, planning, sourcing, construction and renovation of 9m radio telescope as an exhibit;
- design, planning, logistics and delivery of guided tours for general public and school/interest groups; and
- general maintenance of grounds, buildings, equipment and science exhibits.

Achievements:

- repaired, renovated and constructed wide range of science-related structures for gravity telescope, public exhibits, general building and access;
- prepared site and location of radio telescope and control room; and
- redesigned and landscaped facility grounds and pavilion utilities.

Education Project Officer (2014)
University of Western Australia Physics Department

Responsibilities:

- using the Gravity Discovery Centre, develop, design and deliver outreach activities for secondary schools that encourage incorporation of Einsteinian physics in the Australian school curriculum.

Achievements:

- developed and fostered relationships with interested individuals and organisations;
- negotiated needs with interested parties including participants, staff, venues, suppliers, special guests; and
- set up, prepared and conducted professional development days.

Sky Watching Host, Tour Guide, Historian (2012-15)
Perth Observatory

Responsibilities:

- facilitate, teach and participate in Astronomy Sky Viewing Nights for groups of 50 general public visitors;
- conduct tours for up to 100 student/teacher visitor groups; and
- assist in curation of historical astronomy items for dissolved Perth Observatory.

Achievements:

- inducted and organised visitors to site;
- negotiated special needs with clients;
- conducted tours of Perth Observatory facility;
- delivered astronomy talks to public and school groups;
- delivered astronomical history talks to volunteer group;
- performed protection and conservation activities on observatory hardware; and
- controlled groups and conducted staff debrief after events.

Post Graduate Researcher (2012)*Advanced Diploma Space Studies, International Space University***Responsibilities:**

- six weeks of full time, 24/7, work commitment to ISU space program, including carrying out extremely time-sensitive research and development of a white paper topic on delivering Tele-reach outcomes to the 3 billion poorest people on earth, via satellite technologies;
- attendance at 40 space-related lectures, many workshops, laboratories, tours and public events as participant and organiser;
- provide welfare, administrative/logistic support for 40 participants and program staff;
- support foreign students English language classes enabling Program participation;
- support Program logistics officer and faculty in whatever manner needed; and
- complete study program and produce joint White Paper in an unknown city with no prior knowledge of procurement routes.

Achievements:

- completed Program with second-highest grade;
- successfully delivered ESL workshops, transport and welfare support for participants, including sexual harassment and stress-related deadline issues; and
- successfully published a jointly authored White Paper.

Math/Science Teacher and Specialist (1998-12)*WA and Victorian Secondary Schools and TAFE***Responsibilities:**

- full time, contract, sessional and relief teaching;
- design, develop and deliver mathematics and/or science courses;
- provide relief teaching services for secondary schools; and
- design and deliver engaging maths curriculum for young trades students.

Achievements:

- delivered various teaching services (maths, science, systems technology, languages, art) to a variety of age groups from a variety of socio-economic backgrounds; and
- designed, developed and implemented maths course at Federation University (formerly UB Tec).

Founder and Managing Director (2010-12)*Green Hat Muesli***Responsibilities:**

- create, resource and develop a gourmet muesli business; and
- develop, market and distribute product throughout Victoria and Australia.

Achievements:

- expanded business from inception (single-room, home based) to interstate (with self-built commercial kitchen/warehouse) within two years.

Residential Builder/Renovator (2005-11)*Sole Trader***Responsibilities:**

- design, develop and deliver small building solutions for regional town clients.

Achievements:

- constructed and renovated barns, sheds, kitchens, pergolas, disabled facilities;
- planned, designed and constructed an adobe home with solar power, in a remote, virgin forest location; and
- renovated and extended country hotel including second story.

Co-Founder and Operations Manager (2000-05)*Barojae Vermiculture*

Responsibilities:

- design, develop and grow a worm farm for commercial success.

Achievements:

- fabricated infrastructure for vermiculture business;
- registered and developed business partnership with four owners; and
- grew business to regional distribution of bait worms and liquid fertilizers sales.

Primary Child Carer, Property Developer and Home Construction (1986-2009)*Owner-built home, Central Victoria*

Responsibilities:

- design, draft and build adobe home on un-serviced bush block central Victoria.

Achievements:

- performed all owner-builder functions set by above responsibilities including plan drawings, council submissions, brick production, building, 12V power, water supply and reticulation, fire mitigation, fencing and landscaping.

Regional Agriculture Pesticide Technician (1987-92)*May and Baker Agrochem (now Rhone Poulenc Agrochemicals)*

Responsibilities:

- technical representation for agricultural pesticide development in SE Australia including southern NSW, Victoria, Tasmania and eastern SA;
- attend PD events and conferences;
- seasonally produce scientific investigations of efficacy of novel pesticides including broadacre, market garden, orchard and vineyards;
- approach farmers, procure resources and permissions and design replicated field trials for pesticides;
- monitor, collect, process and analyze data on crop responses;
- report and deliver findings to conference delegates and company superiors; and
- maintain vehicle, equipment and resources and manage administration of feedback.

Achievements:

- cultivated widespread goodwill in farming community;
- successfully executed research field trials;
- attended and managed field days and talks;
- liaised with sales, marketing, regulatory of company/government bodies; and
- successfully brought product to market as part of a team.

Trans-Africa Expedition Procurement Manager (1980)*Exodus Travel*

Responsibilities:

- logistical, procurement and security duties for four-month overland expedition for 22 people on a Bedford Troop Carrier: Johannesburg to London;
- camp management and medical supervision;
- journey planning, food and water sourcing, legal and money sourcing; and
- social support/welfare and conflict resolution.

Achievements:

- successfully navigated through 20 countries from South Africa to England;
- learned small amounts of French and Swahili to facilitate the trip;
- managed multiple visa and border issues;
- procured essential resources for daily functioning of a group of 22 adults;
- managed multiple inter-personal conflicts between clients from six countries; and
- oversaw logistics for day-to-day living of group.

Under Graduate Researcher (1980)

Bachelor Applied Science, Curtin University (prev. WA Institute of Technology)

Responsibilities:

- bachelor degree final year project on liming rates in cereal crops SW WA;
- invertebrate fauna field assistant for Alcoa Environmental Impact Statement; and
- rock lobster field assistant for Fisheries Department WA.

Achievements:

- procured, negotiated, designed and deployed replicated field trials of liming rates in barley and wheat crops in SW WA;
- undertook laboratory identification and quantification of spiders found on Alcoa proposed sites;
- acted as Research Vessel deck assistant tagging and releasing specimens; and
- wrote reports with statistical analysis of limed crops as part of degree.

Qualifications

- Juris Doctor (enrolled);
- Master of Science (Astronomy);
- Graduate Diploma Secondary Teaching (Science);
- Graduate Diploma (Computing)(DNC);
- Graduate Diploma (Land Rehabilitation)(DNC);
- Advanced Diploma (Space Studies);
- Graduate Certificate (Space Science);
- Bachelor Applied Science (Biology);
- Certificate IV Training, Assessment and Evaluation;
- Certificate IV Residential Building Management;
- Certificate III Micro Business Operations;
- Certificate III Aged Care (enrolled);
- Certificate II Food Safety Supervision;
- Certificate II Food Handling; and
- Certificate Secondary Education (Math. 1, Math. 2, Phys., Chem., Econ., Eng.).

Other

- Student member of Law Society of Western Australia;
- Associate member of Astronomical Society of Australia;
- recipient Heinlein Sponsorship Grant to attend ISU Program;
- International Space University AC & TA certificate for outstanding contributions;
- International Space University TA certificate for outstanding performance;
- “Best Startup” finalist in Australian Space Awards 2020;
- member, Space Industry Association Australia;
- DBCA Certificate for Science Presenting;
- Certificate interstellar dust ID training for Planetary Society;
- joint Guinness World Record holder for Australasian Dark Sky Alliance;
- certificate of Appreciation for most hours volunteered at Perth Observatory;
- WA Skippers Ticket;
- teacher of Swimming and Water Safety;
- senior First Aid and current CPR;
- WA Working with Children check;
- national Criminal History Check;
- prohibited weapon licence (laser pointer);
- endorsed car driver licence - F Class bus and Light Rigid truck;
- international driving permit;
- Responsible Serving of Alcohol certification;
- Barista Basics certification;
- PADI Rescue SCUBA diver;
- PADI Emergency First Responder;
- PADI Advanced Open Water SCUBA diver; and
- OHS&E construction industry white card.