

BEN WINDING

🌐 AUSTRALIA & USA (DUAL CITIZEN) 📅 14 FEBRUARY 1989
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WEB DEVELOPER

HIGHLIGHTS OF QUALIFICATIONS

GENERAL

- Excellent problem solving and decision making skills.
- Good interpersonal and communication skills.
- Work well under pressure and enjoy working in a fast paced environment.
- Effective time management skills and attentive to detail.
- Systematically breaks apart complex problems to allow for simple solutions.

PROJECT MANAGEMENT

- Excellent record of prioritising and managing multiple concurrent projects.
- Dealt with suppliers and clients to resolve issues and maintain good communication.
- Experienced in conforming to industry safety standards.
- Produced JSEA documents for commercial projects.
- Cooperatively work with others to produce and deliver required work.

ENGINEERING

- Experienced in producing structural design calculations for commercial projects.
- Produced cost estimates and preliminary product design, according to customer requirements.
- Has designed and built various mechatronic systems including: CNC milling machines, collision avoidance robots and robotic drawing machine.
- Possesses an in-depth knowledge and skills in CAD systems (Inventor, Solidworks & AutoCAD).

SKILLS

Web Dev: JAVASCRIPT, LARVEL, REACT, NPM, DIGITAL OCEAN
Local Dev: UBUNTU, BASH, PYTHON, JAVA L^AT_EX
CAD: INVENTOR, BLENDER, AUTOCAD, SOLIDWORKS, MATLAB

EDUCATION

2008 - 2012 BACHELOR OF ENGINEERING, **The University of South Australia**, ADELAIDE
Honours | MAJOR: MECHANICAL AND MECHATRONICS
THESIS: DEVELOPMENT OF COOPERATIVE TASK FOR AUTONOMOUS HUMANOID ROBOTS - ADVISOR: DR. SANG HEON LEE
GPA: 5.1

2015 - Present MASTER OF COMPUTING AND INNOVATION, **Adelaide University**, ADELAIDE
GPA: 5.78

EMPLOYMENT

2015 TO 2018 JUN -	Business Development Engineer at BARGAIN STEEL CENTRE South Australia
	<ul style="list-style-type: none">• Design and manage the production of Sheds• Responsible for CAD modelling and shop drawings• Procuring and ordering materials and components needed for jobs• Automating CAD procedures via scripting• Assisted in designing the website
2014 TO 2015 DEC APR	Graduate Production Engineer at SMART FABRICATION Kilburn, South Australia
	<ul style="list-style-type: none">• Control the delivery and processing of materials and equipment.• Ensure traceability of all material used, regarding certification and conformity.• Procurement of material and components from suppliers.• Assisting the production staff in producing quotes and estimates.
2014 TO 2014 JUL SEP	Graduate Project Engineer at COLD LOGIC Port Adelaide, South Australia
	<ul style="list-style-type: none">• Responsible for producing technical drawings including; P&ID's and fabrication drawings.• Managed material ordering and project changes regarding drawings.• Increased productivity in Engineering department through efficient modelling techniques.

2013 JUL	TO	2014 MAR	Drafter at KOVA ENGINEERING <div>Vancouver, Canada</div> <ul style="list-style-type: none"> Responsible for producing technical drawings including; fabrication drawings, lift plans, as built's and weld maps. Managed small projects including spreader systems, for lifting operations. Produced Finite Element Analysis' on static and dynamic models. Developed successful responsive website for the company.
2011 Oct	TO	2012 Nov	Drafter at SMART FABRICATION <div>Port Adelaide, South Australia</div> <ul style="list-style-type: none"> Responsible for creating technical drawings for fabrication. Refined current product design process, setting clear design guidelines to improve quality. Managed projects including pipe routing, structural frames and machinery components. Worked closely with senior project managers to solve scheduling and logistical problems.

INTERESTS AND ACTIVITIES

Technology | Open-Source | Programming
 Paradoxes in Decision Making | Logical Fallacies
 Kite Surfing | Tennis | Travelling

REFERENCES

Available on request