

Benjamin Woolston

Electrical Engineer

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Qualifications

Bachelor of Electrical Aerospace Engineering, Queensland University of Technology

- 6.3 GPA – Honours Program

Queensland Certificate of Education, Kenmore State High School

- OP 2 / ATAR 99 – Student IT Support Lead – Certificate II Active Volunteering

Skills

- Developing and delivering practical solutions through software to deliver business efficiencies and automation.
- Very simply, given a problem with requirements I will investigate potential solutions, choose & integrate a solution, test it, and then push it into a production environment for the client. No managerial intervention required.
- Covering the entire life cycle, I can build the training, tools and documentation that complement the final product – including video production.

Tools

- **Languages:** Python, C, Perl, Java, Shell, SQL, MATLAB, Arduino, AutoCAD, AHK
- **Server Domains:** RedHat, CentOS, Ubuntu, Windows Server, MacOS Server
- **Networking:** Routing Protocols, LAN Access Controls, IP addressing & Setup, Physical Network Design and Rack Systems (Routers, switches etc), F5.
- **Software/Other:** OpenAI Suite (GPT-3 Research Beta, ChatGPT), MS Office, Linux, PCB Design and Assembly, 365 Automation, Soldering, OBS-Studio, Cold Calling

Experience

Boeing Australia Holdings, Global Trade Control Specialist (2022 – current)

- Develop and deliver strategic trade control solutions to support business outcomes.
- Develop and deliver trade control efficiencies using bespoke automation and optimisation software solutions to achieve customer objectives.
- Development of Level 3 compliance documentation

Telstra, Network Engineer (2022 – 2023, Fixed 4 Month Contract)

- Management and co-ordination of network engineering resources to develop and deliver server upgrade solutions to introduce efficiencies within the SMS team.
- Tasked with increasing SMS efficiencies. I Identified upgradeable servers, built test environments and performed test upgrades. Developed plan and documentation for production environment upgrade. Then utilised 2 other network-engineers powered with my documentation to undertake the production push. No guidance provided by manager.

Swyftx, Customer Support Technician (2021 – 2022, team redundancy)

- Top 5% workers, fast paced office environment. Developed team automation and macro tools.
- Presented weekly market updates to whole company

Projects

- **T-Shirt Extravaganza:** I needed more shirts, so I sent an email to >5000 start-up companies worldwide asking for a free T-Shirt. I scraped emails/names by abusing google bard with 50 google accounts and then automated emails with ChatGPT/Python. I received 90 T-Shirts, 10 water bottles and 17 booklets!
- **Macro Optimisation:** At Swyftx, my manager wanted me to increase team efficiency, So I created python macro's in my free time to speed up my workflow and ended up making my team 10% more efficient, bringing us to the #1/14 position in the team efficiency chart.
- **Cannology Ecommerce Brand:** I started my first business at 15, and now run Cannology.com.au. Over 50 Australian Chemists stock our products. I'm currently Emailing every chemist in Australia to become a stockist, using similar automation techniques taken with the T-Shirts.

Interests

Backpacking, Mountain-Biking, Ultimate Frisbee, Derivatives Trading, Windows Bug Bounties, Health Ecommerce Company, Racing Drone Flying, Beta-Caryophyllene, Cryptocurrency Mining

References

Professional and personal references are available upon request.