

TIMOTHY BORG

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Pursuing a career in software engineering which envelopes a technical understanding of computer science fundamentals, languages, libraries and frameworks. Using an array of current software development tools, I have developed the ability to be adaptable, have a high level of technical acumen, excellent communication skills and hands-on capabilities. I am passionate, welcoming and dependable.

Skills

Software Engineering	Full stack development, deployment and TDD
Critical Thinking	Problem solving, and having a dynamic approach to daily tasks
Collaboration	Communicate and cooperate with teams for timely completion of projects
Computer Proficiency	Windows, Mac OS and Linux.
Multitasking	Organising and prioritising to meet deadlines and expectations
Communication	Facilitate meetings to present ideas, create workflow and seek feedback
Lean Methodology	Involved in daily tasks to reduce waste and improve workflow
Manufacturing	Operate power tools to cut, drill and tap enclosures, install components and wiring
Quality control	Complete SOP checklists with attention to detail, query anomalies

General Assembly – Software Engineering Immersive

March	• Coding Fundamentals – Data types, operators, functions and loops.
–	• Dev Tools – REPL, Visual Studio, Git and Using agile methodologies.
June	• Languages - JavaScript, HTML, CSS, Ruby, SQL
2020	• Framework – React, Express, Sinatra
	• Front End – DOM manipulation, HTML and CSS
	• Back End – Endpoints, routing, API calls and rendering HTML
	• Projects – Exercising new found capabilities to create solo projects and group projects which you can find on my GitHub.
	• Research – Seek technical documentation for implementation of library features
	• Communication – The learning experience was achieved with a work from home approach. Communication was critical to ask questions, raise issues and collaborate. Very comfortable using online mediums such as zoom and slack.

2020 **Electrical Fitter - Heavy Industry Manufacturer**
– NHP, Laverton

2019

- **Preparation** – Stock check, organise and procure parts
- **Assembly** – Install electrical components, cabling and electronics into enclosures
- **Fabrication** – Use hand and power tools for various tasks, cut, drill, modify enclosures.
- **Teamwork** – Work amongst colleagues to distribute work load
- **Troubleshooting** – Seek advice from engineers and managers when encountering anomalies
- **Adaptation** – Interpreting and implementing a wide variety of build diagrams
- **Safety** – Strict coherence to implemented safety procedures on construction sites
- **Testing** – Assisting in final test before delivery of product

2019 **Electrical Fitter – Critical Power Solutions**
– Static Power, Research

2013

- **Electronics** – Reading, editing and flashing code to IC
- **Teamwork** – Manage resource allocation with teammates to ensure timely completion of orders
- **Investigation** – Fault finding and repairing returned equipment
- **Develop Documentation** – Draw schematics, diagrams, BOMs and develop build procedures
- **Inventory Management** – Monitor stock levels, flag items for reorder at weekly meetings
- **Adaptability** – Involved in many areas, assembly and technical documentation
- **Iterative Improvement Projects** – Improve inventory control and product design
- **Testing** – Quality control and load test to insure product is operating correctly

2012 **A-Grade Electrician – Construction**
– Warranknox Electrical, Mont Albert

2011

- **Interpret Diagrams** – Read architectural floor plans and wiring diagrams
 - **Cabling Supports** – Installing conduits, cable tray and catenary wire
 - **Fixtures** – Install and removal of delicate lighting fixtures, emergency lighting, AC and GPO
 - **Teamwork** – Pairing with rotating colleagues accomplishing tasks
 - **Safety** – Strict coherence to implemented safety procedures on construction sites
 - **Inventory Management** – Keeping track of material used and ordering more
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2010 **Electrical Fitter / A-Grade Electrician** – Critical Power Solutions
– THYCON, Coburg

2008

- **Cable Preparation** – Measure, cut, lug, organise power and electronics cables
- **Testing** – Operational testing on equipment part of final commissioning
- **Teamwork** – Follow instructions, working closely with apprentices
- **Investigation** – Fault finding and repairing returned equipment
- **Work autonomously** – Be punctual, reliable, supply own basic tools and dress appropriately
- **Adaptability** – Working on many different sites across Melbourne to service or repair equipment
- **Continuous Improvement Projects** – Improve access to inventory and data recording projects

Education

2020	Software Engineering Immersive	General Assembly
2016	Cert IV in Process Manufacturing	Vative Academy
2016	Cert IV in Manufacturing Technology	Vative Academy
2014	Cert IV in Small Business Management	Sarina Russo NEIS Program
2007	Cert III Electro-technology, Systems Electrician	NMIT

Interests

- Music, working with audio equipment, Synthesizers, vinyl and high quality sound.
 - Computers and hacking electronics like game consoles, phones.
 - Camping, bush walks and kayaking.
 - Cars and motorbikes, I have an interest in engine modifications and fabrication, specially turbo cars.
 - Travelling internationally.
 - Cinema, crime, sci-fi, action, drama.
 - Photography and fine art, using my own camera to shoot street photography.
 - BMX and Skateboarding.
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