

# Blake McCullough

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## SUMMARY

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I am a TAFE student working towards a career in the IT industry; specifically, Programming. I have undertaken many roles over the last few years with most from directly approaching potential employers. These roles have provided me with a wide breadth of work experience, in particular the requirement of an employee for reliability and good customer service. I am interested in undertaking this role to further my vocational experience.

Website: <https://blakemccullough.com/>

GitHub: <https://github.com/Blake-McCullough>

## EXPERIENCE

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### ***JayCar Joondalup***

November 2021 -

Present

#### **Sales Assistant**

- Greeted customers with a friendly and helpful attitude.
- Answered any questions regarding inventory, sales, and promotions.
- Carefully and accurately rang up items and neatly packed customer bags.
- Worked well with other employees to ensure smooth processes.
- Focused on being punctual, hardworking, and reliable.
- Assisted with displays and offered ideas to increase product appeal.

### ***HyprFire Perth***

December 2021 -

January 2022

#### **Internee**

- Built package management system to store required packages for PacMan
- Built web scraper for getting directories and file names of an ftp server.
- Built system for automatically downloading necessary files and placing in correct directories.

### ***Red Rooster Joondalup***

September 2020 -

January 2022

#### **Front of house and back of house team member**

- Process and fill customer food orders and prepare specialty dishes quickly and accurately.
- Operate cash register and credit card machine to process customer payments.
- Answer customer questions about food ingredients, freshness, and availability.
- Clean and straighten counters and tables at end of shift.
- Uphold commercial safety and sanitation standards.
- Operate high-volume cooking and assembly equipment.
- Measure and prepared raw food materials.
- Helped to order and stock received food supplies and equipment.

### ***Cyber Saturdays***

April 2021 -  
August 2021

#### **Mentor/Mentee**

- Volunteer helping teach school children how to address cyber security challenges.
- Regular attendance at professional cyber security development activities.

### ***Work Experience with ES2 Cyber Security***

April 2021 –  
November 2021

#### **Cyber Security Consultant – Internee**

- Perform Log review
- Write Risk Assessment
- Open-source intelligence gathering,
- Coding automation of activities.
- Perform Physical Pen Testing
- Peer reviewing of documents
- Programming

### ***Work experience with Microsoft***

October 2021 --  
October 2021

#### **Internee**

- Provide customer service by greeting and assisting customers and responding to customer enquiries and complaints.
- Demonstrate the use or operation of merchandise.
- Describe merchandise and explain use, operation, and care of merchandise to customers.
- Entering, transcribing, recording, storing, or maintaining information in electronic form.

### ***ViewTech3D***

December 2020 -  
April 2021

#### **IT Assistance**

- Commercial website development using WordPress software.
- Company file backup, management, and storage system implementation.
- Configuring servers to update hosted website.

### ***Salmat Media Force Pty Ltd***

July 2019 -  
August 2020

#### **Paper rounds delivery person**

- Retrieve assigned route papers from the main hub.
- Bundle assigned route papers for individual houses.
- Responsible for a delivery residential area.
- Reliably delivered newspapers in all weather.

## MAJOR SIDE PROJECTS

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- **Inactivity Identifier Bot** – A Discord bot, designed to help identify users in a server who have not been active.
- **Bot Server Count Bot** -- A Discord bot, designed to display the number of servers your discord bot is in.
- **Private Channels Bot** -- A Discord bot, designed to create private text, and voice channels within a discord server.
- [Usage Alert system](#) -- A simple script used to send a webhook to your Discord server when you reach a certain limit of CPU usage
- [YouTube to Text File](#) – A script/chrome plugin designed to get the current YouTube video you are watching, and pass it onto the text file, which can be read from OBS or other applications.
- **Twitch speech video clip producer** – A script designed for streamers to use that will allow them automatically to create a 'clip' of their stream after saying any trigger words, such as 'clip that', this prevents them from having to go and manually make said 'clip'.
- [JayCar Mobile App & Web scraper](#) – An app for JayCar designed to improve the experience of shopping, An API was also made for this project, which uses a web scraper to get the information.
- [VR Master League App](#) – An app for the VRML championships using a closed API with OAUTH2.0.
- [Arduino USB media controller](#) – A project, using an Arduino Leonardo, and some bits and pieces, that allows me to control the volume of my computer, skip and rewind videos and mute.
- **Spoiled\_Bot** -- A Discord bot, which includes features such as message counting, voice call time tracking, private confessions, ai based [text to image, nudity detection, colouring of black and white images, text to paragraph, ticket creation, and more.
- **PECAN CTF Discord Integration** – An integration between the PECAN CTF challenge site and a Discord server which had many features such as Message notifications on game completion, roles based on (score, state, skill division), leader boards for (team score, challenges completed, categories completed) and more.
- **WACTF Discord Integration** -- An integration between the WACTF challenge site and a Discord server which had many features such as Message notifications on game completion, roles based on (score, state, skill division), and more.

## EDUCATION

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- **2015–2016:** PEAC (Primary Extension and Challenge) in Primary School
- **2017:** Was enrolled in the Academic Extension Program at Belridge Secondary Collage
- **2017:** Participation award for Australian Mathematical Competition
- **2020:** Competed in the WACTF and PECAN capture the flag challenge
- **20017-2021,** Belridge Secondary College,
- **2022,** Cert IV in Programming

## SKILLS

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- **Programming Languages:** C++, Godot, Visual basic, HTML, Python, Latex, C#/.net, Batch, Flutter, Dart, JavaScript, Xaml/Xamarin, MySQL, GDScript.
- **Operating Systems and Software:** Linux, Mac OS, Windows 10, Windows 7, Windows XP, Office 365 software such as excel, Adobe software such as Photoshop, WordPress, and Cura, Git.

## **CERTIFICATIONS**

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- Introduction to Cybersecurity by Cisco
- AHA Hospitality & Tourism Covid-19 Hygiene Course

## **PROFESSIONAL REFERENCES**

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- **John Ryan**  
Store Manager  
Road Tech Marine  
Phone: 0423 543 016
- **Dr Michelle Ellis**  
Outreach and Engagement Coordinator  
School of Science  
Edith Cowan University  
Phone: 0402 201 808  
Email: [Michelle.Ellis@ecu.edu.au](mailto:Michelle.Ellis@ecu.edu.au)
- **Andy Bartle**  
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