

Nicholas Cannon

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Portfolio: <https://www.niccannon.com>

GitHub: <https://github.com/nicholascannon1>

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Work and Leadership Experience:

June 2019 – Present: Junior Software Developer at B2Me Australia

- Responsibilities include: implementing test driven development for new features & bug fixes, designing new web pages & components and responding to user issues & requests.
- Improved mobile user experience by wrapping existing React app using Cordova to produce native iOS & Android applications and by implementing push notification services into an existing backend platform using Firebase.
- Undertook activity stream project which involved designing asynchronous backend system to generate “activity cards” for users & communities in real time and to provide these cards to users in personalised streams.

October 2013 – June 2019: Team Member at Kmart, Clarkson

- Valued team member for 5+ years in customer service, service desk and presentation.

June 2014 - Work Experience Student at Orion Satellite Systems

- Gained first-hand experience working with technology in a professional environment

Technical Skills:

Languages: Python (advanced), JavaScript/Node.JS (advanced), Java (proficient), C/C++ (proficient), Go (novice), HTML/CSS (proficient)

Frameworks: React/Redux (proficient), Flask (proficient), Django (proficient), Express.JS (proficient), NumPy/Pandas (intermediate), Scikit-learn (novice)

Other: Git (proficient), Docker (proficient), Postgres (intermediate), MongoDB (intermediate)

Education:

University of Western Australia

2020 - present: Bachelor of Science (Honours) – Computer Science & Software Engineering

2017 - 2019: Bachelor of Science – Computer Science & Data Science
- Graduated with a GPA of 6.5 and WAM of 79.125.

Peter Moyes Anglican Community School

2011 - 2016:
- ATAR of 86.35.
- Applied Information Technology Award for 2015 + 2016 (highest grade in class).

Personal Projects:

Development Portfolio:

- Personal portfolio web application built with the MERN stack deployed with Docker & Docker Compose and a custom CI/CD solution.
- Features a secure admin panel for updating content.

Matrix Algebra CLI tool:

- Researched and implemented efficient multi-threaded matrix algebra operations with C and the OpenMP API (individual school project).

Community Involvement:

EMAS UWA

2018:

Music Director:

- Coordinator of EMAS UWA music portfolio.
- Manager of various EMAS UWA music festivals & events.

2017:

Fresher Representative:

- Ran electronic music production lessons for members.

Referees:

Ray Bartell: Founder & CEO of B2Me Australia
- Phone: 0432854880
- Email: ray@b2me.com.au