

Nathan Hunter

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Education

University of Wollongong, Bachelor of Computer Science, Major in Cyber Security

Wollongong, NSW, Australia | Feb 2021 – Dec 2023

- Graduated with Distinction

University of Wollongong, Bachelor of Science, Major in Cell/Cellular, and Molecular Biology

Wollongong, NSW, Australia | Feb 2020 – Dec 2020

Codecademy, Certificate, Learn Intermediate Python 3 Course

Online course | Apr 2023 – Sep 2023

Work Experience

Application Developer (Freelance/Consultant)

Collaboration with Health Professional | Aug 2023 – Present

- Engineering a secure, user friendly, full-stack mobile application enhancing personal assistant patient care, utilizing React Native for cross-platform compatibility.

Software Engineer Intern

GetData Software Development Company, Kogarah, Sydney, NSW | Jan 2021 – Jan 2022

- Maintained existing software through bug fixing and enhancements.
- Created and configured multiple virtual machines with various file systems for software testing.

Server Moderator, CS:GO Community Server

Kill Zone Gaming | Feb 2016 – Apr 2019

- Oversaw one of Australia's largest CS:GO servers, enhancing community engagement and ensuring a positive gaming environment through effective rule enforcement and leadership

Projects

Social Stories (Current 2024)

Technologies: React.js, Node.js, Express.js, SQL, MUI Core

- Working on the end-to-end design and implementation of an impactful application that generated personalized social stories, benefiting children, specifically those with Autism.
- Lead of frontend development.
- Achieved third place in UOW ICT trade show.
- Actively contributing to the transition of 'Social Stories' from a project to a startup company.

Machine Learning-Based Resistor Identification System (Jul 2023)

Technologies: Python, Keras, TensorFlow

- Developed a CNN that will accurately classify 37 different resistor types from images.

Technical Skills

Proficient in Python, JavaScript (React, React Native), C++, Java, with experience in full-stack web development (React.js, Node.js, Express.js, SQL, MongoDB). Skilled in machine learning (Python, Keras, TensorFlow, PyTorch), virtualization, cybersecurity (Kali Linux, Windows 7-11), and agile methodologies. Expertise in database management, version control (Git), and system administration.

Additional Activities

Volunteer Work

- Contributed at Figtree Anglican Church's soup kitchen and supported Disability Trust events; completed Duke of Ed, emphasizing leadership and community service.

Sporting Achievements

- Played competitive soccer for the Heathcote Waratah FC
- Regularly participate in weekly local Parkrun events.

References: Available upon request.