NATHAN HUNTER

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EDUCATION

UNIVERSITY OF WOLLONGONG   Wollongong NSW. Australia,
Bachelor of Computer Science;   Expected Dec 2023
Major in Cyber Security;
Cumulative WAM: 80;
Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

UNIVERSITY OF WOLLONGONG   Wollongong NSW. Australia,
Bachelor of Science   Jul 2020 - Dec 2020
Relevant Coursework: Mathematics; Statistics; Biomedical Physics; Biology;

WORK EXPERIENCE

GetData Software Development Company.   Sydney, NSW
Software Engineer Intern   Jan 2017 – Fed 2017
● Maintained existing software through bug fixing and enhancements.
● Worked closely with a team to integrate a library into the existing software suite, gaining valuable real-world experience in software development.

UNIVERSITY PROJECTS

SOCIAL STORIES   Current 2023
Web Development:
● Technologies: React.js, Node.js, Express.js, SQL
● Working closely with a 5-person team to design and create using React framework
● Working on the end-to-end design and implementation of an impactful application that generated personalized social stories, benefiting children, specifically those with Autism, by fostering understanding of social contexts and facilitating the development of appropriate behaviors, leading to enhanced social integration and accelerated cognitive growth.

SERVICE REQUEST APPLICATION   May 2023
Web Development:
● Technologies: React.js, Node.js, Express.js, SQL
● Designed and implemented interactive service request application in a 9-person team using React
● Connects service providers with clients, effectively managing memberships, service requests, payments, and reviews, while ensuring robust testing and adherence to selected development methodology. Awarded a distinction grade.

RESISTOR DETECTION WITH MACHINE LEARNING   Jul 2023
Python
● Convolutional Neural Network (CNN) for resistor recognition from images. The trained model classifies 37 different resistor types with high accuracy. It is then used to detect and classify resistors in new, unseen images.

FILE SYSTEM C++   Aug 2022
● Designed and implemented Unix-based operating file system in C++

ADDITIONAL

Technical Skills: Advanced in SQL, React, Javascript, HTML/CSS; Proficient in Python, C++, and Java
Langue: English