

Thomas Maguire

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Education

The University of Newcastle (UON)

Bachelor of Computer Science • GPA: 5.6 / 7

Feb 2021 – Dec 2023

CESE Summer Research Scholarship

Nov 2022 – Feb 2023

Experience

Software Engineer Intern • Lockheed Martin Australia

Nov 2022 – Present

- Developed and maintained multiple services within a mission-critical environment utilising programming languages Golang, Python and Java.
- Deployed and managed services and applications with Docker and Kubernetes.

R&D Digital Engineer Intern • Schenck Process (now Sandvik)

July 2022 – Dec 2022

- Lead the refactor of a demo application written in Python to C++, converting procedural code to Object-Oriented code which resulted in a 3x increase in application performance.
- Took charge of project and utilised Atlassian suite of project management tools (Jira, Confluence) to ensure project milestones and deadlines were met. Successfully delivered application to customer.

IT Client Support Assistant • The University of Newcastle

Jan 2022 – July 2022

- Provided efficient and swift technological support to customers on behalf of the University, triaging and completing tickets within a timely manner.
- Contributed to IT knowledge base via creating and updating articles and documentation, ensuring IT Staff can access up-to-date information in a reliable and consistent manner.

Projects

[Personal Website](#) • React, Typescript, SASS

- Designed and developed a personal portfolio website using Next JS with TypeScript and SASS.
- Utilised Netlify for a seamless deployment process straight from the projects GitHub repository.

Skills

Programming Languages: JavaScript, TypeScript, Python, Golang, Java, C++.

Frameworks / Libraries: React JS, Next JS, Node JS, Gatsby JS.

Technologies / Tools: Windows & Linux Operating Systems, SQL, Git, Docker and Kubernetes.