

Md Nadim Ahmed

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[LinkedIn Profile](#)

[Personal Website](#)

Education and Qualifications

Certificate IV in Business Navitas	2019 – 2020
Bachelor of Computer Systems Engineering (Honours) Monash University, Australia	2015 – 2019
Certificate IV in Frontline Management Monash Short Courses, Australia	2015 – 2016

Employment History

Code Camp Head Teacher/Teaching Assistant	March 2021 – Present
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Code Camp is an Australian company that provides after-school activities for school students.

My primary roles as a Head Teacher included –

- Teaching problem-solving and coding skills to students aged 6-13
- Ensure students are having fun and engaging with the course material
- Enabling students to troubleshoot their code

Swinburne University of Technology, Australia Research Assistant in Air Cargo and Supply Chain Research Project	October 2020 – January 2021
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Swinburne University of Technology is a public research university based in Melbourne, Australia.

My primary roles as a research assistant included –

- Developing a trade and air cargo database
- Supporting data analysis for the air cargo research project
- Documentation of database environment and operations
- Provide data-driven solutions and create data visualisations.

Monash Residential Services (MRS), Australia IT Coordinator / IT Central Residential Advisor	February 2017 – November 2017
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MRS looks after student accommodation at Monash University. My primary roles included –

- Responding to emails about IT complaints from 3000+ residents
- Leading a team of residential advisors to organise events for 3000+ students.
- Helping new students adjust to university life.

Victorian Aboriginal Child Care Agency (VACCA) Green Steps Intern	June 2016 – November 2016
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VACCA is a non-profit dedicated to helping Aboriginal families. My primary roles included -

- Use data collected to build a sustainability plan to reduce the company's carbon footprint.

Degree Related Projects

Final Year Project (VR Grip Simulation)

For my final project in my engineering degree, I worked on a VR Glove that allows the users to interact with a VR environment. This project consisted of the following components –

- Sensors on the Glove to gather data on the user's hand
- Micro-controllers, such as Arduino and PSoCs, to process the data the sensors
- A VR environment, built using Unity
- Wi-Fi to send data back and forth from the micro-controller and VR environment
- Actuators to provide feedback on the user's hand based on what is happening

A poster, which summarizes the content of the project, can be found [here](#). A video presentation for the project, which goes into more depth, can be found [here](#).

Achievements

- Monash Faculty of Information Technology (FIT) International Merit Scholarship
- Faculty of Engineering Dean's Honor List
- Monash Residential Services (MRS) Residential Advisor Scholarship

References

Available upon request