

# RIZ MANTER

P E N U L T I M A T E  
Y E A R S T U D E N T



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## PROFESSIONAL SUMMARY

I am a current Computer Science and Commerce student at UNSW graduating at the end of 2023. Most of my programming experience lies with C, Java, Python, Javascript and SQL. Although I have engaged with databases, networks, OO design and functional programming, I am always keen to step outside my comfort zone.

## VOLUNTEER EXPERIENCE

### CSESoc Projects Team Member

Nov 2021 - present

- Manage and work with a team of 6 to develop discord bot to maintain and engage society discord group of over 800 members.
- Engage in both backend and frontend frameworks to build a scalable product to address capacity needs of group chat.
- Assist in software architecture development, prototyping, debugging and testing

### JP Morgan Virtual Experience Program

Dec 2019 - Jan 2020

Participated in the open access JP Morgan Virtual Experience Program with Forage.

Tasks Completed Include:

- Creating an interface using HTML/CSS and Python with stock price data feed and set up a system for analysis of data.
- Implementing the Perspective open source code in preparation for data visualisation.
- Increasing convenience through displaying data visually through the Perspective software.

## EXTRACURRICULARS

### CSE Society Media Subcommittee Member

Apr 2019 - Dec 2019

- Enhancing the media presence of UNSW CSESoc by seeking to expand our media portfolio and engagement.
- Working in a team of 11 in the publication of creative and informative audio-visual content to over 6000 students.
- Co-host for UNSW CSESoc's Echo Podcast, discussing the experiences of students studying Computer Science and Engineering

### Hackathon lite

2020

- Designed and implemented website to autonomously allow interns and work integrated learning participants to upload work, for companies to review and check progress in response to the COVID restrictions.
- Assisted in the implementation of the back-end using Python, Flask API and React to store authentication, messaging and review data.

## ACADEMIC BACKGROUND

### University of New South Wales (UNSW)

B. Computer Science & B. Commerce Jan 2019 - present

#### Business Economics and Computer Science Major

Relevant Programming Coursework:

Database Systems | 95

Algorithms & Programming Tech | 93

Artificial Intelligence | 87

O-O Design & Programming | 85

Relevant Business Coursework:

Introductory Economics, Intro to Business Databases, Game Theory & Bus Strategy, Business Finance

## TECHNICAL & PROFESSIONAL SKILLS

- Java, C/C++, Python, MIPS
- Javascript, ReactJS, Django, HTML/CSS
- Linux, Windows, Git
- Oracle SQL, PostgreSQL, Excel
- Communication, Leadership, Conflict Management

## PROJECTS

### Personal Website

HTML, CSS

Designed and developed a single page HTML and CSS website to showcase my personal projects and blog. (rizmanter11.github.io/rizmanter/)

### Roman Civilisation Game

Java, JavaFX

(github.com/rizmanter11/romancivilisation\_game)

- Implemented a Risk style video game using Java and JavaFX that applied a turn-based military/economic strategy game that allowed players to invade and attack virtual provinces.
- Engaged in agile processes to create a dynamic backend and interface that adapts to the players moves and visualises it in real time.

### Anime Database Chrome Extension

React JS

(github.com/rizmanter11/chrome\_extension)

- Implemented a chrome extension that upon opening a new tab welcomes you with a greeting, daily picked anime and the top anime for the week.
- Uses hooks and state in order to maintain data and uses CRUD methods to call a RESTful API database.