

Maximilian Falco Widjaya

BACHELOR OF COMPUTER SCIENCE AND COMMERCE (BUSINESS ANALYTICS)

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Career Profile

Final year undergraduate student at UNSW with a distinction average for Bachelor of Commerce and Science (Computer Science).

Employment

Locumate | Casual Intern

May 2024 – present

- Collaborated with the development team by doing research, blog writing and FAQ customizations
- Worked on improving customer engagement within the app
- Coordinated with the team to improve UI/UX and improve technical developments

FISHBOWL | All Rounder Staff

March 2022 – December 2023

- Assisted the manager in stock entry, team management and staff training
- Led a team of up to 8 staff members to maintain quality customer service and food quality
- Acted as a quality assurance officer to uphold food safety standards and customer expectations

Projects

CSESoc and DevSoc Annual Hackathon

July 2024

- Developed a journaling web application using React and Express.
- Engineered a mood tracking feature to provide insights into user mood patterns.
- Designed and integrated an AI therapist to deliver daily mental health advice.
- Source Code: [GitHub Repository](#)

Skill Issue – Project Recommender

June 2024 - Present

- Designed and engineered a project recommender system for UNSW students
- Capable of matching students with projects based on their skill set
- Integrated AI capabilities to provide users with accurate recommendations

Algorithm Visualizer

March 2024 - present

- Created an algorithm visualizer using React.js
- Implemented Craig Reynold's flocking algorithm, BFS and DFS algorithms
- Demo Link: [Demo Link](#)
- Source Code: [GitHub Repository](#)

MNIST Dataset Classifier

March 2024

- Developed an image classifier for the MNIST dataset using Python.
- Implemented a machine learning model utilizing NumPy and Pandas.
- GitHub Link: [GitHub Repository](#)

UNIHACK2024

March 2024

- Created a full-stack application using Next.js, MySQL, and Express.
- Connected the backend server with the frontend user interface.
- Collaborated with a team of 5 people.
- Submission link: [Submission Link](#)

Technical Skills

- Microsoft Office (Word, Excel, PowerPoint, etc.) – Intermediate
- R Programming Language – Advanced
- Python – Intermediate
- C/C++ – Intermediate
- Java – Intermediate
- JavaScript – Advanced
- ReactJS – Advanced
- HTML/CSS - Advanced
- Express - Advanced

Education

Bachelor of Commerce and Science (Computer Science)

September 2021 - Present

University of New South Wales

- Achieved a Distinction overall grade

Extracurricular Activities

Unilectives Subcommittee Members

March 2024 – present

UNSW DevSoc 2024

- Worked alongside a team to create web applications for university students
- Maintained existing website and introduced new features including quality of life improvements

Internals Subcommittee Members

March 2024 – present

UNSW CompClub 2024

- Ran and planned computer science-themed workshops
- Coordinated workshops alongside a team of more than 50 members