

Oltan Sevinc

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Profile

In the final year of studying a Mechatronic Engineering (Honours) and Computer Science (AI) dual degree at UNSW. Recipient of several scholarships. Working projects in robotics, statistical analysis, and machine learning. Active member of the UNSW community.

Education

Bachelor of Mechatronic Engineering (Honours)
Bachelor of Computer Science (AI)

July 2018 – Present

University of New South Wales, Sydney

- Weighted Average Mark: 80+

Experiences and Employment

Software Engineering Intern – HONEYWELL

December 2021 – September 2022

- Worked as a part of a software development team, working on Honeywell's flagship product Experion, added features to its backend to improve developer productivity.
- Used AGILE software development principles, keeping stakeholders and team members up to date on project progress.
- Thrived in a team environment, established strong relationships with colleagues.
- Got picked to continue the internship through the year after the summer period.

Taste Of Research Scholarship – UNSW

January 2021 – July 2021

- Worked as Research Assistant in a research effort to create a dataset, enabling further research into the field of social navigation.
- Learned academic reading and writing skills, as well as data processing and anonymisation, culminating in a document written about the dataset.
- Coordinated with a research supervisor to correctly assess my capabilities and the requirements of the project.

POINTR, QR Code Based Check-Ins

2019

- Worked as a part of a team which developed a website to log user attendance to events and statistically analyse the attendance patterns.
- Utilised QR codes as a check-in method before their prominence in the COVID pandemic.
- Persuaded several UNSW colleges to utilise our check-in system for their meetings.

Projects

You can visit some of the data science and robotics projects I've worked on at <https://oltans.github.io/>.

Neural Network Identifying Cats

- Implemented a ResNet architecture from scratch, gaining a deeper understanding of the inner processes of neural networks.
- Researched and utilised Data Augmentation to reduce overfitting in the data.

Computer Vision Cell Tracking

- Compared the effectiveness of different methods of motion tracking of cells.
- Implemented and tested novel algorithms to quantify the effectiveness of tracking methods.

Awards

GradConnection Top 100 Future Leaders 2023

- Got identified as one of Australia's top future leaders from among thousands of applicants.

UNSW Dean's Honours List 2021

- Excelled academically and was named in UNSW's Dean's Honours List in 2021.

Mitsui Study Tour Scholarship 2019

- Got selected as UNSW's representative for Mitsui Educational Foundation's prestigious yearly study tour.
- Represented Australian values to and learned from people including Mitsui Japan's senior staff for a period of three weeks spent at Japan.
- Operated in a multicultural environment, and debriefed senior staff upon returning.
- Became a part of Mitsui's Alumni Association and maintain connections with their network.

Extracurricular Activities

Culture Café 2022 March – Present

- Volunteered at a multicultural environment, making students from all over feel welcome.
- Helped organise and run events showcasing different backgrounds and societies.
- Took initiative to greet and converse with over 30 different students.

UNSW Mechatronics Society 2020 January – 2021 December

- Served as Society Secretary through 2020 and as Marketing Director through 2021, was a major mover in the revitalisation of the society.
- Lead a marketing subcommittee, boosted engagement with the UNSW community working together with my subcommittee members.

Referees

Ben Schultz - Software Engineering Manager at Honeywell

(Contact details available on request)