LEONARDO **FAN**

leonardofan2000@gmail.com | +61 450 588 818 | <u>LinkedIn</u> | <u>GitHub</u> | <u>Website</u>

Education

University of New South Wales
Jan 2019 – Dec 2023

Bachelor of Commerce (Information Systems) & Computer Science

High Distinction WAM (88) | Co-op Scholarship for Information Systems | 1st in Co-op academic stream |
Business School Dean's List | 1st in UNIT Stock Pitch | Top 10 in 7 Commerce/Computer Science courses

University of Toronto
Sept 2022 – Dec 2022

Faculty of Arts and Science (Computer Science) | Fall Exchange

Algorithm Design, Analysis & Complexity | Computer Networking Systems | Operating Systems

Skills

Languages: Java, JavaScript, TypeScript, Python, C#, C, HTML, CSS, SQL

Technologies: React, Redux, Express.js, Node.js, .NET, MongoDB, Microsoft Azure, Bash,
                 PowerShell, REST APIs, Git, Docker, Jira, Confluence

Professional Experience

Dolby Laboratories
Jan 2023 – Apr 2023

Software Engineering Intern – *Streaming Team*

- Led an internal project to help integrate a newly acquired team into the business, extending the functionality of a global back-office Command Line Interface tool. Gathered requirements and feedback by discussing with users and coded with Python.
- Planned, implemented, tested, and deployed a new Keycloak authenticated API server end-to-end using C# and .NET for administrative staff to query internal databases.

Bank of Queensland Specialist
Jul 2021 – Dec 2021

Technical Business Analyst Intern – *Operational Excellence Team*

- Led a system project, iterating on 20+ requirements with stakeholders, developing backend SQL logic and managing changes with the approval board to meet new regulations for 10+ products.
- Established a new tool covering 70+ workflows to reduce user pain points from obscure messages in the Loan Operations system. This was distributed to and is now being used by the wider team.
- Automated frontend testing, creating 30+ cases by inspecting HTML and using Tricentis Tosca.
- Taught multiple non-technical team members and other new interns about making backend and frontend system changes.

PwC Australia
Jan 2021 – Jul 2021

Technology Consultant Intern – *Microsoft & Customer Experience Team*

- Overhauled a government department's legacy database to Dynamics 365, using SQL and Server Integration Services in a team of 2 to perform a data migration, finishing 2 weeks ahead of schedule.

- Collaborated on a $3.5 million digital transformation project by creating a User Acceptance Testing plan as well as working with technical teams and the client to resolve bugs using Azure DevOps.
- Assisted a $350k analysis project for a government agency by understanding business and technical needs through 16 interviews, 3 ideation/review workshops and requirements design.

QBE Insurance   Feb 2020 – Jul 2020
Business Analyst Intern – *Business Optimisation Team*
- Facilitated a nationally recognised claims digitisation project by building user requirements with the technical team, running weekly workshops, assessing 7 current tools and modelling business processes.
- Managed the gap analysis of 48 data flow diagrams by planning work and onboarding new joiners.
- Evaluated the performance of robotic process automation by creating a dashboard and presenting the bots with the most time savings.

Projects

Computer Science and Engineering Society Circles   Feb 2022 – Present
- Directed a team of 10 students, taking on a product manager/lead developer role, to build a new degree planner for UNSW. Utilised Git, Jira, Docker, and Confluence to operate using CI/CD in an agile environment. Currently used by many UNSW students with ~8500 total visits per month.
- Employed React and Typescript combined with a variety of libraries like Redux and Ant Design to program the frontend. This was connected to a MongoDB database and Python/FastAPI backend.

Employee Database Web Application   Feb 2022 – Present
- Built a full stack web application to simulate an employee database through the 3-tier architecture.
- Used MongoDB to store employee data, React/Bootstrap for the client frontend and Express.js/Node.js to serve client requests to the database.
- Deployed the application online with CI/CD capabilities via Azure App Service.

Extracurricular

University Network for Investing and Trading   Mar 2021 – Nov 2021
Publications Team
- Communicated curated and current financial knowledge through weekly market wraps and newsletters to 2k+ students, utilising email campaign (Mailchimp) and design tools (Canva).

Business Information Technology Students Association   Nov 2019 – Nov 2020
Careers Director
- Led a team of 10 members and ran weekly meetings to ideate, plan and execute careers initiatives.
- Orchestrated 9 student and company events in the technology space, enabled by liaising with industry sponsors and guiding team members. Achieved an average attendance of 100 people per event.
- Innovated a new video initiative to engage the student community despite the cancellation of in-person events. This was implemented by coordinating with 2 other teams within the society, amassing 2.8k+ overall views overall.