

Nicole Hordejan

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Education

Queensland University of Technology - Bachelor of Information Technology with Distinction June 2025

- Awarded Executive Deans' Commendation for Academic Excellence, Semester One, 2024 for a GPA of 6.5 or higher

Experience

Junior Software Developer, Cimplico – Brisbane, QLD Feb 2025 – Present

- Spearheaded the **development of a full-stack feature addressing a niche problem** in the accounting industry, writing robust API endpoints using **TypeScript/Express.js** and developing a responsive UI with **React**, building custom components with **Shadcn/UI**.
- Elevated application clarity and usability through the implementation of immediate, actionable UI feedback, while ensuring all components **maintained responsiveness** across various viewport sizes.
- Actively participated in the full **SDLC** of an application with over **1,000+ active users**, contributing to feature planning, implementation, and deployment in an Agile environment.
- **Collaborated with the Product Manager and Tech Lead** to prototype a critical security feature, driving the initial design and ensuring technical feasibility aligned with business outcomes.
- Improved data security and retrieval by using **SQL** filter queries with **Knex** to successfully traverse and **manipulate the system's challenging L-tree file structure** for granular security control within the prototyped security feature.
- **Integrated a third-party API** to extend platform capabilities, managing external data flow and ensuring seamless data transfer between the two systems.

Information Technology Intern, Gallagher Bassett – Brisbane, QLD Jan 2025 – Feb 2025

- **Streamlined support workflows** by coordinating directly with the support team to update and enhance a critical internal request form utilising **VBA** within Excel, significantly improving efficiency.
- Extracted data from their project management system in **Jira** using **Python** to provide the enhancements team with actionable performance metrics.
- Assisted in the execution and analysis of **performance testing** for various deployed environments.

Volunteer Experience

Peer Learning Facilitator, Queensland University of Technology Aug 2023 – Jul 2024

- **Guided and facilitated learning** with other university students through programming coursework, specializing in languages including **Python** and **C#**.
- **Developed a supplementary technical resource** website (using Markdown/GitHub Pages) to provide accessible self-study materials, enhancing student learning outside of workshop sessions.
- Recognized with an Excellence Certificate for sustained high-level engagement and commitment to the IT workshop series.

Projects

Datafusion.ai github.com/datafusion.ai

- Led a 4-person team to scope, develop, and deliver a secure, session-based prototype application utilising
- Generative AI (Azure OpenAI) to automate the manual, error-prone extraction of researcher and partner data for CRM keying.
- Planned the full technology stack of the project and designed the secure Azure cloud architecture (App Service, Cosmos DB, Key Vault, Entra ID) via Container Registry for private deployment.

Skills

LANGUAGES: Javascript, Typescript, Markdown, Bash, Python, SQL, C#, Java

FRAMEWORKS & LIBRARIES: ExpressJS, NextJS, NestJS, React, TanStack, ShadCN, Zod

DATABASE: Knex, MikroORM, SQL, PostgreSQL

CI/CD: Git, Github, Jira, AWS, Azure, Docker, Jest, Vitest, TestContainers