

Nathan Spencer

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EDUCATION

Bachelor of Engineering (Honours) (Software) 2022 - expected 2025

UNSW Sydney

- Awarded Co-op Scholarship
- Distinction Average

Higher School Certificate 2016 - 2021

Shore School

- Awarded Full Academic Scholarship
- Prefect

Opportunity Class 2014 - 2015

Chatswood PS

- Awarded Dux from 120 students
- Prefect

WORK EXPERIENCE

Software Engineering Intern Part-time, June 2023 - Present

Katana1

- Automated secure role allocation and deployment for internal cloud projects over OpenID Connect with Bitbucket, Terraform, and GCP / AWS
- Reduced sales quote generation time 50% with Google Apps Script automations
- Improved device monitoring by automating CrowdStrike Falcon installation with Jumpcloud and logging using Splunk and the CrowdStrike API

Software Engineering Intern Full-time, Jan - May 2023

OFX

- Reduced per-invocation costs 90% and scaled an AWS microservice 50x by creating an initiator Lambda function in .NET
- Minimised development time by converting frontend architecture from monolith to micro frontend and updating dependencies, in React / Typescript
- Increased efficiency of backend-for-frontend by converting REST API to GraphQL

IT Admin Part-time, Jun - Dec 2022

Spencer Private Wealth

- Decreased time to generate Macquarie Wrap reports 80% by creating an auto filling chromium browser extension in Javascript
- Computerised forwarding of client emails by creating a Google Apps Script cron
- Improved password security by replacing SMS email forwarding with 2FA

Junior Developer Part-time, Jan - May 2022

Advice RegTech

- Ensured references to financial regulations were current by updating codebase with latest regulations in Ruby on Rails
- Increased suggestive functionality by adding additional RegEx matches
- Built a pre-populated notes feature to save compliance reviewers time