

MAX WO

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EXPERIENCE

Atlassian

Software Engineer

Feb. 2022 - Apr. 2024

Sydney, Australia

- Worked on various growth experiments to drive product adoption through improving invitation experiences.
- Worked on the spiking, implementation, instrumentation, QA, analysis, and productionisation of growth experiments.
- Worked with TypeScript, Java, Kotlin, Apollo GraphQL, Splunk, SignalFx, LaunchDarkly, and Statsig.

Atlassian

Software Engineer Intern

Nov. 2020 - Nov. 2021

Sydney, Australia

- Improved Jira Cloud metrics logging to diagnose and gain more insight into potential performance problems related to core Jira Cloud microservices.
- Implemented custom metrics collectors to record information about each Jira Cloud microservice request and displayed the relevant statistics in a Splunk dashboard.
- Worked with Java, Splunk, SignalFx, Amazon CodeGuru, Lightstep, and LaunchDarkly.

UNSW CSE Society

Software Project Lead

Feb. 2020 - Mar. 2021

Sydney, Australia

- Led a team of eight developers to develop a timetabling website application.
- Responsible for task delegation, making high-level decisions, and managing team progression.
- Working with TypeScript, React, Node.js, and MongoDB.

Dolby Laboratories

Software Engineer Intern

Nov. 2019 - Feb. 2020

Sydney, Australia

- Researched and implemented an approach to handle API specification, validation, and documentation in the server-less environment.
- The approach enables API creators to dynamically create and add APIs on the fly, and automates the documentation-generation process for the customer-facing website.
- Worked with Amazon API Gateway, AWS Lambda, Serverless Framework, and Node.js.

Pearler Investments

Software Engineer

Jul. 2019 - Nov. 2019

Sydney, Australia

- Revamped the auto-invest page, used stock market APIs to fill the assets page, integrated social login into the system using OAuth 2.0, and improved the user interface of the portfolio rebalance page.
- Worked with TypeScript, React, Node.js, and PostgreSQL.

Sunswift Solar Racing Team

Software Engineer

Feb. 2019 - Nov. 2019

University of New South Wales

- Worked on documenting and improving the race strategy software written in Python.
- Performed extensive updates to the team website using the Meteor JavaScript framework and doubled the number of daily visits from 50 to more than 100.

- Administered the team servers and eradicated a Bitcoin miner that used an exploit in Confluence to infiltrate one of the servers.

Datacom

Software Engineer Intern

Apr. 2017 - Apr. 2017

Auckland, New Zealand

- Worked at the payroll department for two weeks during high-school term break.
- Designed, developed, and presented a ticket support system for the Windows payroll client using C# and MySQL.

EDUCATION

University of New South Wales

B.Sci in Computer Science

Jul. 2018 - Dec. 2021

Sydney, Australia

- Activities: CSE Society, Sunswift Solar Racing Team, ACM ICPC.
- Related coursework: Data Structures and Algorithms, Object-oriented Design & Programming.
- WAM: 86.9.

SKILLS

Programming Languages Technologies

TypeScript, Go, Python, C/C++, Kotlin, Java, Elixir
LaunchDarkly, Statsig, Splunk, GraphQL, SignalFx, Docker

PERSONAL PROJECTS

Yuzu

<https://yuzu.la>

Oct. 2023 - Present

- A social network app that facilitates internal community discussions.
- Users are grouped by their email domains. E.g. `mark@harvard.edu` and `eduardo@harvard.edu` are both grouped into the `@harvard.edu` community in the app. Their posts are only visible to other members in the `@harvard.edu` community.
- Built with TypeScript, React Native, Expo, PostgreSQL, and Supabase.

Stando

<https://apps.apple.com/app/6455303729>

Jul. 2023 - Present

- A simple sit & stand reminder app for macOS.
- Currently rated 5 stars on the Apple App Store.
- Built with Swift and the SwiftUI framework.