

# MAX WO

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## EXPERIENCE

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- Atlassian** Feb. 2022 - Apr. 2024  
*Software Engineer* 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 experiments.
  - Worked with TypeScript, Java, Kotlin, Apollo GraphQL, Splunk, SignalFx, LaunchDarkly, and StatSig.
- Atlassian** Nov. 2020 - Nov. 2021  
*Software Engineer Intern* 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** Feb. 2020 - Mar. 2021  
*Software Project Lead* 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** Nov. 2019 - Feb. 2020  
*Software Engineer Intern* 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** Jul. 2019 - Nov. 2019  
*Software Engineer* 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** Feb. 2019 - Nov. 2019  
*Software Engineer* 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

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### **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

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### **Programming Languages Technologies**

TypeScript, Go, Python, C/C++, Kotlin, Java, Elixir  
React, Node.js, Spring Boot, GraphQL, PostgreSQL, Docker

## PERSONAL PROJECTS

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### **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.