

Patrick Shaw

✉ mail@patrickshaw.me
🌐 au.linkedin.com/in/patrick-shaw
🐙 github.com/PatrickShaw

Experience

Atlassian / Intern developer

Nov 2018 - Feb 2019, Sydney

I added analytics support to Atlassian's billing platform and the ability to generate financial quotes to the service built in my previous internship. I also reduced the build time of a microservice from ~14 mins to ~4 mins.

Monash University / Teaching associate

Mar 2018 - Nov 2018, Clayton

I taught 1st & 2nd year students Android development & algorithmic fundamentals. Monash's end of semester surveys reported that 96% of students agreed or strongly agreed that I provided clear explanations.

Atlassian / Intern developer

Nov 2017 - Feb 2018, Sydney

I built a microservice that all Atlassian products use to create commerce related emails & PDFs. I also improved an entitlement data warehousing process from being a ~4 hour batch process to running in real-time.

ANZ / University placement

Jul 2017 - Nov 2017, Melbourne

I automated the migration of data into JIRA; parsing ~20000 records in total. I built social media sentiment analysis models with TensorFlow and analytics dashboards using React, Node and TypeScript. I also ported JQuery+Handlebars components to React for ANZ.com.

Rundl / Software developer

Dec 2015 - Jun 2017, Prahran

Projects

Gecko Download Manager

GeckoDM is a Chrome extension that downloads & organises lectures uploaded on Echo360 software. I wrote the proof of concept prototype.

OpenAPI Platform

Final year team project built for Telstra to manage OpenAPI specifications. Technologies used include Node, React, MobX and Typescript.

Education

Monash University / B. Soft. Eng.

Mar 2015 - Current, GPA: 3.39, WAM: 80.06

Expected to graduate in November 2019.

Hackathons

Unihack Melb. 2018 / MEDITrace

1st place, best design and best pitch winner

MEDITrace is a symptomatic health tracker that integrates with the FitBit, Android and Bosch sensor data. I primarily worked on the UI and Firebase integration.

Unihack Melb. 2017 / Seat.me

2nd place prize winner

Seat.me is a platform that determines seat availability in train carriages & other spaces. I worked on creating the web app and its associated server-side logic.

Unearthed 2017 / Uptime

Microsoft sponsored people's choice winner

Uptime is a machine learning model that predicts failures in mining machinery 20 minutes prior to failure. I worked on building and training a neural network.

Technical skills

Languages: JavaScript • TypeScript • Java • Python

Technologies: React • Node • Android • MongoDB • PostgreSQL • Spring

Exposure to: TensorFlow • C/C++ • Perl • Bash • Go • PHP • Wireshark • MATLAB • .NET

Interests: Application development • web • Android • algorithms • machine learning