

Matthew Davidson

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SUMMARY

- Final year, high distinction average UNSW Computer Science Co-op student.
- Experience in Swift iOS/macOS, big data and front end web development.
- Experience leading as a iOS developer at Coffee Better communicating with product managers and testers.
- Learnt teamwork and communication skills from working in retail and large development team at Westpac.

WORK EXPERIENCE

Associate Developer at Wisetech Global

February 2020 - Current

- Full stack developer working on the PAVE team.

iOS Developer at [coffee better](#)

March 2018 - February 2019

- Developed [coffee better app](#) in Swift using Google Firebase for data collecting/storage and Google/Facebook authentication.
- Managed a few other developers in my absence.

Data Engineer at Westpac

July 2018 - December 2018

- Contributed to the Data Driven Experiences Platform (DDEP) Python framework.
- Added the feature to the DDEP framework to ingest large JSON datasets into the Hadoop cluster with pre-processing, validate schemas and produce a Hive table on top.
- Wrote unit tests, increasing code coverage from approximately 60% to 70% (100+ tests).

Retail Assistant at Pennant Hills GC Professional Shop

July 2013 - July 2018

- Worked in a team, served customers, managed the POS, received stock.

RELEVANT PROJECTS

Yippy: Built macOS app for managing your clipboard and pasting items you have copied previously. Available for download at yippy.mattdavo.com, a site built with ReactJS.

Personal Website: Built a [portfolio website](#) and small blog with ReactJS.

Swift Open Source: Created multiple open source Swift packages. Including **Editor** for syntactical grammar tokenization and theming of text views; **UIImageDefaults** for easily locally saving and loading images; and **ShelfView** for a customisable shelf-like interface.

Policy Pilot: Built iOS and Android proof of concept application to outline good, neutral and bad conditions of terms of services for over 60 web services, built with React Native.

EDUCATION

B. Computer Science, University of New South Wales

2017-2020

- Co-op Scholar
- High Distinction WAM: 89.7/100

TECHNICAL SKILLS

Swift, Javascript, ReactJS, Xcode, Swift Package Manager, Cocoa Pods, Python, Java, C, Perl, PHP, React Native, Flask, HTML/CSS, Git.

REFEREES

Available upon request.