Brian Fung
Melbourne, Australia

Professional History

Two Bulls   **Melbourne**
Senior QA Engineer   *September 2019 – Present*

- Core Tester responsible for the test strategy, test creation, test execution and test automation in both agile and waterfall projects for desktop and mobile based applications.
- Designed and implemented numerous in-sprint CI/CD pipelines for native iOS and Android applications, reducing time to manually create and distribute builds to internal and external stakeholders.
- Designed and implemented an AWS test pipeline for Scouts to support the ongoing development team's test automation efforts.
- Implemented an automated test solution as part of the Beyond Now support contract to test live builds for new iOS and Android OS releases.

QA Engineer   *May 2017 – September 2019*

- Core Tester responsible for test creation, execution and automation in both agile and waterfall environments on desktop and mobile based applications.
- Implemented a CI/CD pipeline for a cross platform video distribution platform for the core, desktop and mobile application streams.
- Created a tool to install test builds on iOS and Android mobile devices, reducing manual test set up from 10 minutes+ to one minute.

Rohde&Schwarz   **Singapore**
Engineering Intern   *November 2015 – Febuary 2016*

- Developed a Wireshark dissector plugin in Lua for the EB500 Monitoring Receiver, to help troubleshoot issues in the development workflow.
- Worked with Test Engineers to improve test automation scripts for the EB500 Monitoring Receiver and assisted in regression testing activities as part of firmware releases.

Featured Projects

Scouts Australia
July 2021 – Present

- A youth digital platform to uplift the existing pen and paper Scouts system.

Service Victoria
April 2021 – July 2021

- A mobile app to check-in throughout Victoria and securely store and share your identity including things like licences and permits.

Release Me
January 2021 – April 2021

- A service to release real estate to the market.

Ufonik
October 2020 – December 2020

- A social media mobile app for creators of music and fans of music. TikTok meets the Voice.

28 by Sam Wood
August 2020 – October 2020

- A fitness and nutrition mobile app to help people live their life better by bringing life-changing fitness and nutrition to every home.

Covidcare
Mar 2020 – April 2020

- A mobile app linking patients in self-isolation to doctors at the front-line of the Covid-19 pandemic, partnering with Melbourne University.

Beyond Now
Jan 2018 – Present

- Beyond blue's suicide safety planning app that assists you to create your own suicide safety plan; a plan to keep you safe when experiencing suicidal thoughts.

Althea Concierge
March 2019 – April 2019

- A service that simplifies the medicinal cannabis application process for patients and healthcare professionals, making it easier for patients to access the support they need.

Sesame Street Yourself
September 2018 – December 2018

- An engaging mobile Augmented Reality experience enabling children to sing and play along with their favorite screen characters.

Wiggles - Fun Time with Faces
February 2018 – September 2018

- A brand new way of telling stories and singing songs with interactive video and fun Augmented Reality faces.

Verizon Digital Kiosk
2017 – 2018

- Communications hubs that connect people to important and useful information - providing weather and emergency alerts, maps and local community information about transit, restaurants, businesses and events.

Vividas
2017 – 2018

- Cross platform video distribution and playback service for mobile and desktop.

Skills

Languages: Python, Bash, Swift, JavaScript, Typescript, Kotlin, Lua, C++, LaTeX
Software: Atlassian (Bitbucket Cloud, Jira, Confluence), AWS (EC2, Lambda, Cloudformation, Cloudwatch, S3, Cloudfront, Route53), Test Automation (Cypress, Puppeteer, Postman/Newman, XCUITest, Espresso, Appium, Selenium), CI/CD (Jenkins, Gitlab, Bitrise, Buddybuild, Github Actions), Packet Sniffer and Network Analysis (Charles Proxy, Wireshark), Device Farms (AWS Device Farm, Browserstack, Kobiton)

Training and Certification

OWASP Appsec Day 2019   **Melbourne, AU**
Web Hacking Essentials   *November 2019*

Education

RMIT University   **Melbourne, AU**
B.S. Electrical Engineering/Commerce   *March 2012 – July 2017*