

Eric Jiang

eric@ericjiang.dev | ericjiang.dev | github.com/ericjiang97 | linkedin.com/in/ericjiang97

Skills

- **Programming Languages:** TypeScript, JavaScript, Python, Java, Kotlin, Dart
- **Frameworks:** ReactJS, NextJS, Angular, Mobly, Android SDK, Flutter
- **Technical:** Google Cloud Platform (App Engine, Firestore, Cloud Firewall, Container Registry), Application Service Design
- **Other:** Leadership, Mentoring, Coaching

Experience

Google, Apr 2020 - Present

Test Engineer (Tooling & Infrastructure), Pixel Software Security (PSS), Pixel Test Engineering

- Improved engineering productivity by 30% via designing and developing toolchains and frameworks to run Instrumentation Tests on Test Harnesses in lab environments
- Reduced deployment and execution time of a device indexer by 50% by designing a solution without the need to install dependencies using Docker and Google Container Registry
- Improved test coverage by 30% by developing multiple Android Applications using the Android SDK for internal testing purposes
- Reduced manual and automated test run times by 60% via developing a reusable library and binary to perform local Over-the-Air (OTA) updates
- Provided key input for the creation of a centralised self-service test execution and reporting application for our partner engineering teams by building a proof-of-concept with integrations to internal services and designing UI wireframes in Figma
- Mitigated feature release risk by building a privacy & security dashboard for use by Program Managers and Executives to make business decisions

eSolutions, Monash University, Dec 2016 - Nov 2019

Software Engineer / MonPlan Founder & Technical Lead, Digital Group, eSolutions

- Reduce risk to the university by leading the development of the Student Booklist App and Bulk Messaging Service (MSend) as part of the University's Cyber security Uplift Project
- Improved the course enrolment and planning process for over 70k+ students and 300+ staff by founding and delivering MonPlan from ideation to an enterprise application
- Designed the technical workflow provided to the Student Services teams across 7 Faculties by designing and implementing connections to backend systems such as the University's Student Management System, Salesforce and SendGrid

Education

Monash University, Feb 2016 - Dec 2019

Bachelor of Information Technology
Majoring in **Computer networks & Security**

Awards

2019 itNews Benchmark Award - Rising Star Category, Mar 2019

A young IT professional who displays exceptional promise and has already clocked up impressive achievements. Emerging IT pros who have demonstrated technology success and excellence. This is a national award (Australia).

REFERENCES AVAILABLE UPON REQUEST