

Eric Jiang

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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

Pixel Test Engineering, Google, Apr 2020 - Present

Software Engineer III , Applications & Reporting Development, SPS, Pixel TestEng	Nov 2023 - Present
Software Engineer II , Product Software Security (PSS)	Feb 2023 - Oct 2023
Test Engineer II (Tooling & Infrastructure) , Product Software Security (PSS)	Jan 2021 - Feb 2023
Test Engineer II (Tooling) , Script Automation	Jan 2020 - Dec 2020

- 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

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 & 300+ staff by founding and delivering MonPlan from ideation to an enterprise application
- Designed the technical workflow provided to the Student Services teams across Faculties by designing & implementing connections to backend systems such as the University's Student Management System, Salesforce & SendGrid

Education

Monash University, Feb 2016 - Dec 2019

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