Jason Tu
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Education

Georgia Institute of Technology (CS: 3.75/4.00) — Atlanta, GA
Bachelor of Science in Computer Science - Dean's List — *Aug 2017 – Dec 2020*

Skills

- **Languages:** Java (Proficient), Kotlin (Proficient), Javascript, Python
- **Technologies:** Android, Flutter, Espresso, Mockito, OkHttp + Retrofit, Coroutines, AWS (DynamoDB, S3, Lambda, EMR, Cognito, IAM), Firebase (Authentication, Firestore, Storage, Cloud Messaging, Cloud Functions, ML Kit), Git, JIRA, Confluence, TeamCity
- **Concepts:** Object-orientated programming, mobile development, MVC, MVP, MVVM, Agile/Scrum, QA

Experience

Amazon — Seattle, WA
Amazon's Choice - Software Development Engineer Intern — *May 2019 – Aug 2019*

- Significantly increased purchasing metrics by expanding relevancy and applicability.
- Started a new cross-organization product, involving senior PMTs, SDEs, UX researchers, and more.
- Doubled the types of consumed data, increasing relevancy and fueling new customer experiences.
- Internally published onboarding guides, architecture documentation, PRFAQs, and UI mockups. Held multiple technical design reviews.

National Cash Register — Atlanta, GA
Innovation Lab & Silver Software Engineering Intern — *May 2018 – Dec 2018*

- Solely responsible for development of the Innovation Lab's Android app in Kotlin and Java.
- Worked in an Android app with over 1,000,000 lines of code, 19 modules, and 100,000+ users worldwide.
- Introduced a Kotlin Multiplatform project, eliminating duplicate code in Android and iOS.
- Finished UI/UX redesign estimated for 700 hours in 70 hours.
- Introduced instrumentation tests by implementing Espresso and UI Automator, and integrated them into the CI pipeline.

Miscellaneous

Synople — https://synople.dev
Founder and CEO — *Apr 2016 - Present*

- Single-handedly published multiple Android apps (14,000+ installs) to the Google Play Store.
- Responsible for all technical development, recruiting, and financing.

United States Department of Defense — National Security Innovation Network
461st Air Control Wing - X-Force Remote Volunteer — *Jun 2019 – Aug 2019*

- Performed all AWS configuration and setup for a training scheduling application.
- Fully remote position with weekly stakeholder meetings.

Expressive Machinery Lab — Georgia Institute of Technology
Student Researcher — *Sep 2017 – May 2018*

- Assisted in creating a NSF-funded project designed to introduce computing concepts using OpenFrameworks and C++.
- Created overlays and hardware simulators to allow development without hardware.
- Brought a research project into a stable environment for deployment via QA testing.

Other

Leadership
Georgia Tech

- **Developer Student Club**: Lead (Run by Google Developers)
- **Android Club**: Co-President

Awards
22+ awards

- **HackMIT**: 2019: Best Car Mobility Hack, 2018: Best Show Honorable Mention and Best Use of Google Cloud Platform Finalist
- **Amazon's Choice Hackathon**: 2019: Honorable mention
- **HackGT**: 2018: 3rd Place NCR Platform API and Azure Finalist, 2017: Most Innovative Hack
- **InVenture Prize**: 2018: Semifinalist