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, Android Club - Tech Lead   *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

United States Department of Defense   National Security Innovation Network
461st Air Control Wing - X-Force Remote Volunteer   *June 2019 – Aug 2019*
- Performed all AWS work for a training scheduling application.
- Coordinated with multiple individuals across time zones.

Amazon   Seattle, WA
Amazon's Choice - SDE Intern   *May 2019 – Aug 2019*
- Expanded relevancy and applicability, increasing purchasing metrics by up to 0.8%.
- Led a new cross-team initiative, involving senior PMTs, SDEs, UX researchers, and more.
- Doubled the types of data used by Amazon's Choice, increasing relevancy and fueling new customer experiences.

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 initiative, which later became the focus for seven software engineers.
- 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.

Projects

Yasny - https://jasontu.io/Yasny   List-based Social Media
Co-founder and CTO   *Jul 2018 - Present*
- Created the entire Android app following MVC and single activity, using Kotlin, Room, LiveData, and more.
- Responsible for recruiting, managing other developers, and all technical aspects.

Synople - https://synople.dev   Social Tech Startup
Founder and CEO   *Apr 2016 - Present*
- Single-handedly published multiple Android apps (2,000+ installs) to the Google Play Store.
- Responsible for all technical development, recruiting, and financing.

Awards

Programming Competition Awards (>22 awards)
Lead Developer
- **Amazon's Choice Hackathon:** 2019: Honorable mention
- **Georgia Tech Appathon:** 2018: 2nd Place
- **HackATL:** 2018: 3rd Place Social Innovation
- **HackGT:** 2018: 3rd Place NCR Platform API and Azure Finalist, 2017: Most Innovative Hack
- **PayPal Hack-ATL:** 2018: Most Creative and Biggest Wow Factor
- **HackMIT:** 2018: Best Show Honorable Mention and Best Use of Google Cloud Platform Finalist
- **InVenture Prize:** 2018: Semifinalist
- **PennApps XVII:** 2018: Semifinalist
- **HackGT HealthTech:** 2017: Best UX and Best Fitness
- **HackDuke:** 2017: Best Use of AWS
- **hackBCA:** 2017: Top 10 and Best Mobile App
- **MIT Blueprint:** 2017: Best Continued Hack, 2016: 3rd Place Novice Division
- **Swarthmore College Local Hack Day:** 2016: Best Overall