Jason Tu

https://jasontu.io

hello@jasontu.io

Education

Georgia Institute of Technology (3.33/4.00)   Atlanta, GA
Bachelor of Science in Computer Science - Dean's List   *Aug 2017 – Dec 2020*

- Teaching Assistant - CS 7470/4605 Mobile & Ubiquitous Computing

Skills

- **Languages**: Java (Proficient), Kotlin (Proficient), Python, Javascript
- **Technologies**: Android, Flutter, Espresso, Mockito, OkHttp + Retrofit, Coroutines, AWS (Redshift, DynamoDB, S3, Lambda, EMR, IoT, Cognito, Athena, Elasticsearch, IAM), Firebase (Authentication, Firestore, Storage, Cloud Messaging, Cloud Functions, ML Kit), Git, JIRA, TeamCity
- **Concepts**: Object-orientated programming, mobile development, MVC, MVP, MVVM, Agile, Scrum, QA
- **Certifications**: GCP Big Data and Machine Learning Fundamentals, GCP Fundamentals: Core Infrastructure

Experience

Amazon   Bellevue, WA
Last Mile - Software Development Engineer II   *Jul 2022 – Present*

Amazon   Bellevue, WA
Last Mile - Software Development Engineer I   *Feb 2021 – Jul 2022*

Amazon Web Services   East Palo Alto, CA
Amazon Redshift - Software Development Engineer Intern   *May 2020 – July 2020*

- Ideated and developed Simple Replay v2, an open source tool for replaying Redshift workloads using Python.
- Coordinated customers, engineers, PMs, legal, and security for a multi-phased release.

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

- Shipped code to amazon.com.

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

- Overhauled Android app UI and introduced new hardware support.
- Deployed a Kotlin Multiplatform project, eliminating duplicate code in Android and iOS.
- Introduced instrumentation tests by implementing Espresso and UI Automator, and integrated them into CI.

Miscellaneous

Theory   https://theoryiot.com
Co-Founder & CEO   *Sep 2017 - Nov 2020*

- Responsible for mobile and web apps in Flutter, Alexa and Google Assistant integrations in Node.js, all things backend and AWS (IoT, Cognito, DynamoDB, API Gateway, IAM), CAD, contractors, and legal matters.

Other

Publications
Human-Computer Interaction

- **ISWC '21**: Typing on Tap: Estimating a Finger-Worn One Handed Chording Keyboard's Text Entry Rate.
  https://doi.org/10.1145/3460421.3480428
- **ISWC '20**: Conversational greeting detection using captioning on head worn displays versus smartphones.
  https://doi.org/10.1145/3410531.3414293
- **MobileHCI '20**: Towards an Understanding of Real-time Captioning on Head-worn Displays.
  https://doi.org/10.1145/3406324.3410543