

Education

- **Georgia Institute of Technology (CS: 3.34/4.00)**
Bachelor of Science in Computer Science - Dean's List

Atlanta, GA
Aug 2017 – Dec 2020

Skills

- **Languages:** Java (Proficient), Kotlin (Proficient), Python, Javascript
- **Technologies:** Android, Flutter, Espresso, Mockito, OkHttp + Retrofit, Coroutines, AWS (Redshift, DynamoDB, S3, Lambda, EMR, IoT, 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
- **Certifications:** GCP Big Data and Machine Learning Fundamentals, GCP Fundamentals: Core Infrastructure

Experience

- **Amazon Web Services** East Palo Alto, CA
Amazon Redshift - Software Development Engineer Intern May 2020 – July 2020
 - Ideated and developed Simple Replay, a public tool for replaying workloads on Amazon Redshift using Python.
 - Targeted open-source release while managing private betas with external AWS customers. Helped resolve customer issues escalated to AWS CEO. Became point-of-contact and subject matter expert.
 - Coordinated with customers, principal engineers, principal PMs, legal, marketing, and other business units to design project and create a multi-phased release. Onboarded and handed project to another intern.
- **Amazon** Seattle, WA
Amazon's Choice - Software Development Engineer Intern May 2019 – Aug 2019
 - Shipped code to amazon.com. Significantly increased purchasing metrics by expanding relevancy and applicability.
 - Created 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 with senior SDEs and leadership.
- **National Cash Register** Atlanta, GA
Innovation Lab & Silver Software Engineering Intern May 2018 – Dec 2018
 - One of three developers on 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.
 - Introduced instrumentation tests by implementing Espresso and UI Automator, and integrated them into CI.

Miscellaneous

- **Theory IoT, LLC** <https://theoryiot.com>
Co-Founder & CEO Sep 2017 - Present
 - Internet of Things startup targeted at renters. Funded in part through Georgia Tech.
 - Responsible for mobile and web apps in Flutter, Alexa and Google Assistant integrations in Node.js, AWS DevOps, back-end architecture, CAD, and legal matters.

Other

- **Leadership**
Georgia Tech
 - **Developer Student Clubs:** Founder & President - <https://dsc.gt>
 - **Android Club:** Co-President - <https://gitmad.club>
- **Awards**
24+ national hackathon awards
 - **HackMIT:** 2019: Best Car Mobility Hack, 2018: Best Show Honorable Mention and Best Use of Google Cloud Platform Finalist
 - **InVenture Prize:** 2018: Semifinalist