

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), Javascript, Python
- **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**
Amazon Redshift - Software Development Engineer Intern
East Palo Alto, CA
May 2020 – July 2020
- **Amazon**
Amazon's Choice - Software Development Engineer Intern
Seattle, WA
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.
- **National Cash Register**
Innovation Lab & Silver Software Engineering Intern
Atlanta, GA
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 CI.

Miscellaneous

- **Theory IoT, LLC**
Co-Founder & CEO
<https://theoryiot.com>
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.
- **Synople**
Founder
<https://synople.dev>
Apr 2016 - Present
 - Single-handedly published multiple Android apps (100,000+ installs) to the Google Play Store.

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