

Education

• Georgia Institute of Technology (CS: 3.75/4.00)

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 (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 (17,000+ 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:** Founder & President
- **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