

Education

- Georgia Institute of Technology (CS: 3.43/4.00)** Atlanta, GA
Dean's List, Pursuing Bachelor of Science in Computer Science August 2017 – May 2021
- Conestoga High School** Berwyn, PA
Computer Science Scholar, John Philip Sousa Band Award Winner September 2013 – June 2017

Skills

- Languages:** Java (Proficient), Kotlin (Proficient), Javascript, Python, PHP
- Technologies:** Android, Espresso, UI Automator, Mockito, OkHttp + Retrofit, Dagger 2, PostgreSQL, jQuery, AWS (DynamoDB, S3, Lambda, Cognito, IAM, Mobile Hub), Firebase (Authentication, Firestore, Cloud Messaging, Cloud Functions), Git, JIRA, Confluence, TeamCity
- Concepts:** Object-orientated programming, mobile development, MVC, MVP, MVVM, Agile/Scrum, QA testing

Experience

- NCR (National Cash Register)** Atlanta, GA
Innovation Lab & Silver Software Engineering Summer Intern May 2018 – Present
 - Solely responsible for development of the Innovation Lab's Android app in Kotlin and Java. App used to demo NCR's newest product to major and potential clients.
 - Worked in an Android app with over 1,000,000 lines of code, 19 modules, and 100,000+ users worldwide.
 - Finished UI/UX redesign estimated for 700 hours in 70 hours.
 - Introduced instrumentation tests by implementing Espresso and UI Automator.
 - Assisted in architecting push notifications. Reduced five minute order wait times to zero minutes.
- Razer** Irvine, CA; Singapore
Insider Community Moderator, beta tester, and QA analyst July 2014 – Present
 - One of four global moderators that ensures day-to-day functionality of Razer's official forum of over 800,000 users. Communicates with a global team to coordinate events and manage situations.
- Adaptive Digital Media Lab - Georgia Institute of Technology** Atlanta, GA
Researcher, QA analyst, and developer September 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 team of nine to develop without hardware.
 - Brought a research project into a stable environment for deployment via QA testing.

Projects

- Synople - <https://synople.io>** Social Tech Startup
Founder and CEO April 2016 - Present
 - Responsible for all technical development, recruiting, and financing.
 - Single-handedly published multiple Android apps (300+ installs) to the Google Play Store.

Awards

- Programming Competition Awards (> 18 awards)**
Lead Developer
 - HackATL:** 2018: 3rd Place Social Innovation (Geppetto)
 - HackGT:** 2018: 3rd Place NCR Platform API and Azure Finalist (Bronze), 2017: Most Innovative Hack (Serendipity)
 - PayPal Hack-ATL:** 2018: Most Creative and Biggest Wow Factor (\$can)
 - HackMIT:** 2018: Best Show Honorable Mention and Best Use of Google Cloud Platform Finalist (dayTrip)
 - InVenture Prize:** 2018: Semifinalist (Edison)
 - PennApps XVII:** 2018: Semifinalist (Giphyr)
 - HackGT HealthTech:** 2017: Best UX and Best Fitness (CardioByte)
 - HackDuke:** 2017: Best Use of AWS (eVitalize)
 - hackBCA:** 2017: Top 10 and Best Mobile App (Itineready)
 - MIT Blueprint:** 2017: Best Continued Hack (sAudio), 2016: 3rd Place Novice Division (bumpShare)
 - Swarthmore College Local Hack Day:** 2016: Best Overall (Leash)