

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 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
 - **Georgia Tech Appathon:** 2018: 2nd Place
 - **HackATL:** 2018: 3rd Place Social Innovation
 - **HackGT:** 2018: 3rd Place NCR Platform API and Azure Finalist, 2017: Most Innovative Hack
 - **PayPal Hack-ATL:** 2018: Most Creative and Biggest Wow Factor
 - **HackMIT:** 2018: Best Show Honorable Mention and Best Use of Google Cloud Platform Finalist
 - **InVenture Prize:** 2018: Semifinalist
 - **PennApps XVII:** 2018: Semifinalist
 - **HackGT HealthTech:** 2017: Best UX and Best Fitness
 - **HackDuke:** 2017: Best Use of AWS
 - **hackBCA:** 2017: Top 10 and Best Mobile App
 - **MIT Blueprint:** 2017: Best Continued Hack, 2016: 3rd Place Novice Division
 - **Swarthmore College Local Hack Day:** 2016: Best Overall