Jason Tu
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EDUCATION

- **Georgia Institute of Technology (CS: 3.42/4.00)** — 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*

EXPERIENCE

- **NCR (National Cash Register)** — Atlanta, GA
  Innovation Lab & Silver Software Engineering Summer Intern — *May 2018 – August 2018*
  - Worked in an Android app with over one million lines of code, 19 modules, and hundreds of thousands of users worldwide.
  - Finished UI/UX redesign estimated for 700 hours in 70 hours.
  - Introduced instrumentation tests by implementing Espresso and UI Automator.
  - Investigated and implemented push notifications, eliminating 5 minute wait times.
  - Actively contributed in daily standups, regressions, and sprint plannings.
  - Solely responsible for development of the Innovation Lab's Android app.

- **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 development without hardware.
  - Brought a research project into a stable environment for deployment via QA testing.

- **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 700,000 users. Communicates with a global team to coordinate events and manage situations.

- **Drexel University** — Philadelphia, PA
  Summer Intern — *June 2014 – June 2017*
  - Developed a web interface and created a data set generator for procedural video game map generation using hierarchical Markov data chains.
  - Assisted in developing a program for visualization of driver data for medical diagnosis using Java OpenGL.

PROJECTS

- **Synople - https://synople.io** — Social Tech Startup
  Founder, CEO, and Chief Developer - Responsible for all programming and expansion — *April 2016 - Present*
  - oneShare - Modern contact information sharing. Created the Android application and back-end.
  - sAudio - Adjusting music to fit your life. Created the Android application.

SKILLS

- **Technologies**: Java, Kotlin, Javascript, Python, Git, Android, OpenFrameworks, Espresso, UI Automator, AWS (DynamoDB, S3, Lambda, Cognito, IAM, Mobile Hub), Firebase (Authentication, Firestore, Cloud Messaging, Cloud Functions), JIRA, Confluence, TeamCity
- **Languages & Communication**: English, Chinese (Mandarin, native), Spanish (elementary), pitching, forum moderating
- **Concepts**: Object-orientated programming, mobile development, MVC, MVP, MVVM, Agile/Scrum, QA testing
- **Hobbies**: Bassoon - PMEA All-State Concert Band, Martial Arts - 9 years

AWARDS

- **Programming Competition Awards (>13 awards)**
  Lead Developer
  - **InVenture Prize**: 2018: Semifinalist
  - **PennApps XVII**: 2018: Semifinalist
  - **hackGT**: 2017: Most Innovative Hack
  - **hackBCA**: 2017: Top 10 + Best Mobile App
  - **MIT Blueprint**: 2017: Best Continued Hack, 2016: 3rd Place Novice Division
  - **Swarthmore College Local Hack Day**: 2016: Best Overall