Jason Tu
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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*

Experience

Nead Werx   Atlanta, GA
Junior Mobile Developer   *August 2018 – Present*
- Developing iOS and Android applications for Fortune 50 companies on a three-person team.
- Creating APIs using PHP, Javascript, and PostgreSQL.

NCR (National Cash Register)   Atlanta, GA
Innovation Lab & Silver Software Engineering Summer Intern   *May 2018 – August 2018*
- Solely responsible for development of the Innovation Lab's Android app.
- Also 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.
- Assisted in architecting push notifications. Eliminated 5 minute order wait times.

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.

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.

Projects

Yasny   Social Tech Startup
Co-founder and CTO - Responsible for all programming and expansion   *July 2018 - Present*
- Architected the entire back-end and performed all DevOps.
- Created the entire Android application.

Skills

- **Technologies**: Java, Kotlin, Javascript, PHP, Git, PostgreSQL, Android, Espresso, UI Automator, Mockito, OkHttp, Retrofit, Dagger2, 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
- **hackGT HealthTech**: 2017: Best UX and Best Fitness
- **hackBCA**: 2017: Top 10 + Best Mobile App
- **MIT Blueprint**: 2017: Best Continued Hack, 2016: 3rd Place Novice Division
- **UPenn PClassic**: 2017s: 1st Place Novice, 2015s: 2nd Place Novice
- **Swarthmore College Local Hack Day**: 2016: Best Overall