

# Ryan Miles

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## Education

Georgia Institute of Technology, Atlanta, GA

August 2017 - May 2021

- Bachelor of Science in Computer Science, GPA 3.84
- Scheller College of Business certificates in Entrepreneurship and IT Management

## Experience

Android Developer at BlueFletch Mobile, Atlanta, GA

May 2018 - April 2019

- Developed an Android for Work platform that increased devices supported by 1500%
- Increased Android projects code coverage from 0 to 70% using Espresso, JUnit, Mockito, and Robolectric
- Implemented a unified theming library for demos to save 6-7 development hours per demo request.
- Edited promotional product videos and produced instructional content to market BlueFletch's brand

Undergraduate Teaching Assistant at Georgia Tech, Atlanta, GA

August 2018 - Present

- Teaching Assistant for CS 1331: Intro to Object Oriented Programming
- Taught a 1½ hour weekly recitation, graded tests and homework, and helped create assignments

Internship at Cisco Systems, Lawrenceville, GA

May 2017 - July 2017

- Coordinated the daily operations during the Cisco High STEAM Externship 2017 Program
- Compiled Survey Monkey feedback and presented the findings to supervisors and program sponsors
- Lead a group of elementary and middle school students through STEM Demonstrations
- Job shadowed under a Systems Test Manager

## Skills

**Programming:** Intermediate: Java, Kotlin, Android, Android Studio, Git/GitHub, Python, SQL, DB Design

Beginner: Flutter, Dart, Ruby, Javascript, Typescript, D3

**Media:** Intermediate: Adobe Premiere Pro CC, Adobe Photoshop CC, Video Production

**Concepts:** Test-Driven Development, Clean Code

**Course work:** Database Design, Data structures and Algorithms, Objects and Design

**Projects** All projects available at ryanmiles.me

Android Application, Dacula, GA

August 2018 - Present

*Creation of Unfoldit Android, designed to test and enhance your spatial awareness abilities*

- Built using Kotlin, with an MVVM Architecture, and Android Architecture Components
- Over 1000+ Downloads and 100+ five-star reviews
- Finalists for Georgia Tech Inventure Prize

Android Application, Dacula, GA

August 2016 - February 2017

*Creation of Traffic Prediction, an app that predicts future traffic congestion on past data*

- Used Java, Android Framework, JSON, and Object-Oriented Programming
- Won 1<sup>st</sup> Place at Mill Creek and Gwinnett County Science Fair 2017

Android and Web Application, Dacula, GA

January 2017 - March 2017

*Creation of Secure School Browser, an app to allow teachers to give secure assessments and track cheaters*

- Used Java, Android Framework, HTML Push Requests, Ruby, HTML, and deployed on Heroku
- Utilized in a case study for future test assessments in a history class

## Leadership

Scholarship Chair, Delta Chi Fraternity, Atlanta, GA

April 2019 - Present

- Organized monthly study groups to create a culture of academic success
- Prepared professional development events with alumni for members

Media Production Coordinator, TEDx Georgia Tech, Atlanta GA

August 2017 - May 2018

- Produced brand content to market TEDx Georgia Tech conferences
- Participated in production planning of the annual TEDx Georgia Tech Conference

## Awards

- Georgia Tech Inventure Prize 2019 Finalist
- Intel Excellence in Computer Science Award 2017