

# Ryan Miles

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## Education

Georgia Institute of Technology, Atlanta, GA

August 2017 - May 2021

- Candidate for Bachelor of Science in Computer Science

## Experience

Android Developer at BlueFletch Mobile, Atlanta, GA

May 2018 - Present

- 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 man hours per demo request.
- Edited promotional product videos and produced instructional content to market BlueFletch's brand

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

Externship at Cisco Systems, Lawrenceville, GA

June 2016 - July 2016

- Lead a group of elementary and middle school students through STEM Demonstrations
- Participated in a Smart City Project and Innovation Challenges
- Job shadowed under a Systems Test Manager

## Skills

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

Beginner: Flutter, Dart, Ruby, Colemak

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

**Concepts:** Object-oriented programming, Test-Driven Development, Clean Code

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

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

Promotional Video, Dacula, Georgia

December 2016 - January 2017

*Created a promotional video for local park's softball team*

- Shot the video with a Canon DSLR, and edited with Adobe Premiere Pro CC
- Video was used to recruit new players and for funding purposes

## Leadership

News Director, Mill Creek High School, Hoschton, GA

January 2016 - May 2016

- Lead a small group for producing a weekly news show
- Organized roles for production and compiled together all the segments to a final show

President of SkillsUSA, Mill Creek High School, Hoschton, GA

August 2016 - May 2017

- Founded local entrepreneurial focused club at local high school
- Organized guest speakers and monthly meetings around a topic

## Awards

- Intel Excellence in Computer Science Award 2017
- First Place at Gwinnett Science Fair 2016 & 2017 in Systems Software
- First Place at Beta Club 2016 Convention in Robotics
- Second Place at SkillsUSA State Competition in Best Chapter Commercial