

# Mitchell Moore

1555 Oakpark Drive | Helena, Alabama, 35080 | 256.613.1484 | [mmoo97@uab.edu](mailto:mmoo97@uab.edu)

## Education

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### University of Alabama at Birmingham

Birmingham, Alabama

Major: Computer and Info Sciences

Expected Graduation – Spring 2021

GPA: 3.66 (Dean's List)

### Gadsden City High School

Gadsden, Alabama

AP Diploma with Honors

Graduated – May 2015

GPA: 3.73

## Work Experience

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### UAB Computer Science Department

Birmingham, Alabama

*Personal Tutor*

September 2017 – April 2018

- Engaged with students and elevated their understandings of Java and Python to allow them to programmatically manage projects.
- Ensured that these same students could implement a concept and improved their code by showing them how to debug their programs efficiently.
- Facilitated the understanding of various languages and their differences regarding topics such as memory management.

### UAB Campus Recreation Center

Birmingham, Alabama

*Data Handler*

September 2017 – April 2018

- Modified the UAB Student ID Database's format and integrated it into various excel spreadsheets to resolve system check in troubles.
- Analyzed data to track stats on peak hours, most frequented times of the day, totals, etc.
- Skyrocketed check-in productivity by allowing for name autocompletion cross referenced with the data base.

## Project Work

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### Mobile Development (Android)

Birmingham, Alabama

*"Hiker's Log"*

< 1 week

- Developed an app that fetches the user's location and displays the user's Latitude, Longitude, Altitude, Nearby Address (if applicable), and GPS Accuracy then logged it/refreshed it every 10 seconds and stored the data using SQLite.
- Main obstacles overcome were properly formatting API text, optimizing battery life, and making it scalable for multiple devices.

### Java Remote Method Interface

Birmingham, Alabama

*Text Based Online Pokémon Game*

~3 months

- Collaborated with 4 people to create various Pokémon, Gym, Attack, and Effect Objects to really make it easy to enter new Pokémon if desired.
- Created an RMI Server interface and Client Interface to allow for two people to battle each other on separate computers.
- Displayed results on a turn by turn basis on attacks and effects just as in a typical virtual game of pokemon.
- Overcame issues aligning/managing ports and getting the client and server to properly interact.

## Additional Skills/Traits

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- Ability to coordinate a group to a common goal.
- Actively Intuitive and loves to absorb and understand various cultures.
- Fluent in Spanish and actively perusing French.
- Java, Python, JavaScript, SQL, HTML, XML