Mitchell Moore

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Education

University of Alabama at Birmingham	Birmingham, Alabama
Major: Computer and Info Sciences	Expected Graduation – Spring 2021
GPA: 3.51	
Gadsden City High School	Gadsden, Alabama
AP Diploma with Honors	Graduated – May 2015
GPA: 3.73	

Work Experience

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.

UAB IT (Research Computing)   Birmingham, Alabama

Software Developer (Intern)   January 2019 – Present 2020

- Engaged with team members to plan development on numerous portions of a high performance computing cluster.
- Ensured code pushed to development streams was adequately tested via conventional testing methods including peer review. Synchronized workflow via Git to allow for secure/dependable versioning.
- Facilitated the understanding of software implementations among team members to .further enhance productivity.

Project Work

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.

Course History (Computer Science)

	Year	Classes	Grades
•	**First:**	Intro to Computation, Discrete Structures, Object Oriented Programming.	(A, A, B)
•	**Second:**	Algorithms and Data Structures, Computer Organization/Assembly Language, Probability and Statistics, Automata/Formal Languages, Adv. Web Development, Cloud Computing.	(A, B, B, C, A, A)
•	**Third:**	Systems Programming, Software Engineering, Data Science Club	(A, A, Pass)

Additional Skills/Traits

- 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