

Michele Barrantes

Computer Science Student



317-384-6363

michelebarrantes@gmail.com

www.micheleweb.com

Summary

Hard-working and determined 3rd year Computer Science student specializing in software engineering at Indiana University Luddy School of Informatics, Computing, Engineering. Graduated from the International school of Indiana with an IB diploma. Looking to gain hands-on experience in Software Engineering. Eager to collaborate with a team to learn and contribute by using the skills gained in class and personal projects.

Education

2021-2025(Expected)

COMPUTER SCIENCE B.S

Indiana University, Bloomington, IN, U.S

Skills

- **Computer Languages:** Python, Java, C, Kotlin
- **Web Design:** HTML, CSS, JS, REACT, PHP, MERN, XML
- **OS:** Windows, Mac OS, Linux, Unix
- **Security:** OWASP, Burp Suite
- **Tech:** VS code, Office, Drive, IntelliJ, Rapid API, Github, Android Studio, Linux
- **Certifications:** AWS Cloud Practitioner (expected November 2023)
- **Languages:** English, Spanish

Relevant Course Work

- Introduction to computers and programming (python)
- Intro to software systems (Java)
- Discrete structures and Algorithms for Computer Science
- Data structures
- Mobile App development
- Programing with C and Unix
- Tools for Computing CGI/PHP
- Tools for Computing JavaScript

Projects

- **Personal Portfolio Website:** **Summer 2023**
Created a responsive site to demonstrate current and future projects or skills in development using REACT, HTML, CSS, JS
- **To-Do List App:** **Summer 2023**
Developed a responsive app that allows user to add items or remove items to a list using REACT, HTML, CSS, JS
- **Gym App:** **Summer 2023**
Integrated my passion for the gym with coding to develop a gym app that allows users to browse exercises and pull videos directly from YouTube using RAPID APIs, REACT
- **Apache Web server:** **Fall 2023**
Launched and maintain an apache webserver using linux OS. Implemented CGI gates and Relational database systems.
- **Iphone Calculator App:** **Fall 2023**
Developed a calculator app that mirros the functions of the standard IOS calculator. Developed in android studio using XML for the frontend and Kotlin for the backend
- **User Login System:** **Fall 2023**
Developed a user login Page, using XML for the front-end and using Java for the back-end implementing a Hashing technique for storage of user information along with the Java secure hash function for accessing it.

Work Experience

LIFE GUARD

YMCA | Indianapolis, Indiana

2022-Present

- Collaborated in a team of 9-12 guards to provide an outstanding expirience to guest
- Proficiently communicated and coordinated with other team members or guest to resolve daily task such as pool supervision, equipment checks, guest needs.
- Assured safety by executing pool policies and paying attention to daily task
- Managed unexpected situations by paying attention to detail and being able to multi-task in uncomfortable situations.
- Provided excellent service to more than 1,000 guest

ASSISTANT SUPERVISOR

IU REC SPORTS | Bloomington, Indiana

2022 - present

- Coordinate with the Head Supervisor to assure that all games are running on time
- Supervise a team of 3-6 officials while putting them in the best position possible to deliver a memorable experience to over 5,000 participants college students.
- Resolved over 25 conflicts by mediating and de-escalating rapidly changing situations between college students and officials or rule mis-interpretation.
- Coordinated over 15 medical situations calling 911 and verifying identities and accessing risk status
- Developed game shift reports and ending shift reports detailing feedback and all patron penalties or notable information for supervisors.