

Sebastian Garcia

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EDUCATION

The University of Georgia, Magna Cum Laude, Honors Program, Athens, GA
Bachelor of Science in Computer Science

May 2024
GPA: 3.83

Zell Miller Scholarship

August 2020 – May 2024

Relevant Coursework

Intro to Theory of Computing, Intro Computing and Program, Software Development, Data Structures, Computer Architecture and Organization, Software Engineering, Computer Networks, Computing Ethics and Society, Web Programming, Algorithms, Evolutionary Computation, Systems Programming

Programming Languages Most Proficient In

HTML/CSS, JavaScript, React
Python
Java

PROJECTS

Cinema E-Booking System, 5-person group project for Software Engineering

- Responsible for React frontend while also helping with Spring Boot backend and MySQL database
- Worked to complete each deliverable through communicating and delegating work with group members

Image Gallery, 3-person group project for Web Programming

- Worked with React for frontend and MongoDB for backend and database
- Aided group members in completing their assigned tasks to complete a full stack application

Pokémon Team Genetic Algorithm, Project with associated research paper

- Tested multiple genetic algorithms for creating the best Pokémon team using Python
- Wrote an associated research paper explaining my methodology and results
- Created novel crossover and mutation methods to suite this algorithm

WORK EXPERIENCE

YMCA, Alpharetta, GA

June 2019 – July 2019

Assistant Camp Counselor

- Supervised a group of 20 children, ages 5 - 14
- Provided the children with the ability to participate in camp activities while ensuring their safety and resolving conflicts
- Organized and supervised children during activities including rock climbing, swimming, and archery

Altitude Trampoline Park, Marietta, GA

June 2021 – July 2021

Court Monitor

- Ensured customers followed the rules while jumping on trampolines to ensure their safety
- Worked with customers to resolve issues
- Communicated with team members to relay questions and emergencies as well as to coordinate with each other