

Jack Valladares

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Education

Georgia College and State University
GPA: 3.4

Bachelor of Science in Computer Science
Concentration in Cyber Security

Awards: Dean's List, President's List, Omicron Delta Kappa, Upsilon Pi Epsilon

Relevant Skills: Java, C/C++/C#, Python, HTML, CSS, PhP, MySQL, JavaScript, Git

Relevant Coursework: Software Engineering, Parallel Processing, System Security, Algorithms, Data Structures, Discrete Structures, System Architecture, Databases, Network Programming, Calculus

Relevant Work Experience

- **Database Analyst** *Skilletworks* *December 2020 – March 2021*
 - Worked as a freelance developer to establish and populate the database of an inventory management application.
 - Collaborated with Skilletworks clients around Atlanta to accomplish this goal.
 - Quickly adapted to unfamiliar software while working this job.
- **Web Developer** *GNETS of Oconee* *February 2021 – May 2021*
 - Full-Stack commission developed with **HTML, CSS, PHP, MYSQL and JavaScript**.
 - Designed and implemented a database infrastructure and fully functional web application based on employer's specifications.
 - Uploaded and implemented the application to a subdomain of employer's website.
 - Met a tight deadline and communicated periodically with employer to deliver the best product possible.
- **Customer Service** *Various Companies* *August 2016 – August 2021*
 - Extensive customer service experience including serving, bartending, campus security and driving public transport.
 - Developed soft-skills such as teamwork, adaptability, stress-management and initiative.

Research Projects

- **Elliptic Curve Cryptography Research**
 - Research paper discussing Elliptic Curve Cryptography in-depth.
 - Created rudimentary **Java** implementation of the algorithm.
- **Software Engineering Capstone**
 - A full-stack website developed over the course of a semester in three-week sprints.
 - Team-based Agile Project developed with **HTML, CSS, PHP, MYSQL and JavaScript**.
 - Led daily standup meetings and built the system from the ground-up.
 - Collaborated via GitHub and became familiar with collaboration via the framework.
- **Artificial Intelligence Honors Research**
 - Implemented Artificial Intelligence via Q-Tables using **Python** and **PyGame** that learned how to play the classic Snake Game and wrote a research paper on the experience.

Leadership Experience

- GCSU ACM Club President 2018 - 2021
- GCSU Computer Sci Honors Society Exec Board 2019 - 2021
- Leadership Certificate Program Alumnus 2019 - Present
- Honors College Executive Board Member 2020 - 2021