Jack Valladares

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Education

Georgia College and State University	Bachelor's in Computer Science
GPA: **3.36**	Class of 2021

Relevant Skills: C/C++/C#, Java, ASP.Net, Vue, React, SQL, Azure DevOps, JavaScript, Python, Git
Relevant Coursework: Software Engineering, System Security, Algorithms, Data Structures, Discrete Structures, System Architecture, Databases, Network Programming

Relevant Work Experience

- *Full Stack Software Engineer   Simplepart LLC   September 2022 – Present*
  - Agile environment with daily standup meetings and biweekly sprint planning/retrospectives
  - Develops and maintains scalable, efficient code in **ASP.NET** and **Vue.js**
  - Performs database operations in **MSSQL Server**, including writing/optimizing stored procedures, expanding and organizing database architecture, and running queries for testing/debugging
  - Styles website components using the **Less CSS** preprocessor
  - Runs quality assurance and makes sure code is modular and performs consistently across hundreds of client sites
  - Designs Solutions Architecture for Enterprise-Level E-Commerce Software
  - Leads groups of developers to build high-quality projects under deadlines, and presents these projects to stakeholders and managers

- *Project Manager/Frontend Developer   Everspark Interactive   April 2022 – September 2022*
  - Managed internal and offshore development/design team
  - Created and maintained processes for web development projects
  - Acted as a member of the development team and completed projects and tasks using **WordPress**, **Shopify**, **PHP**, **HTML**, **CSS**, **JavaScript** and **MySQL** with SEO in mind
  - Performed DNS maintenance, site migrations, SSL installation, and Dev/Staging/Production Pipeline
  - Performed Quality Assurance of all company projects

- *Web Developer   GNETS of Oconee   January 2021 – September 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.
  - Worked on a tight deadline and communicated periodically with my employer to deliver the best product possible

- *Database Analyst   Skilletworks   November 2020 – March 2021*
  - Worked as a freelance developer who helped establish and populate the company's app's database.
  - Collaborated with my employer as well as their clients around Atlanta to accomplish this goal.
  - Quickly picked up and adapted to unfamiliar software while working this job.
  - Contract position that ended due to school resuming

Personal Projects

- *Elliptic Curve Cryptography Research*
  - A 10-page academic research paper discussing Elliptic Curve Cryptography in-depth
  - Created rudimentary **Java** implementation of the algorithm
- *Full-Stack Web Application*
  - Team-based Agile Project developed with **HTML**, **CSS**, **PHP**, **MYSQL** and **JavaScript**
  - Developed the Homepage, website's CSS, search system, and scripting functionality
- *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.
- *Global Game Jam 2023*
  - Participated in the Global Game Jam at Savannah College of Art and Design, and worked with a team of developers over a weekend to build a 3D platformer using **Unity and C#**

Awards/Honors

- *Dean's List*   *Fall 2017, Fall 2018, Spring 2019*
- *President's List*   *Spring 2018*
- *Joseph F. Specht Endowment Fund*   *Spring 2019*
- *Anthony J. Tan Scholarship*   *Spring 2019*
- *Upsilon Pi Epsilon*   *Fall 2020*
- *Omicron Delta Kappa*   *Fall 2020*