DAVID PINEIRO

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EDUCATION

Bachelor of Science in Computer Science *March 2025 - May 2026 (Expected)*
Western Governors University Online

- Relevant Courses: LPI Linux Essentials, Back-End Programming, Operating Systems

Bachelor of Science in Computer Science (Not Completed) *August 2022 - March 2025*
Florida International University Miami, FL

- Relevant Courses: Java Programming 2, Computer Architecture

Google Tech Exchange Program *January 2023 - May 2023*
Google Online

- Relevant Courses: Software Development Studio, Applied Data Structures

Associates of Arts in Computer Science *August 2019 - May 2022*
Miami Dade College Miami, FL

- Relevant Courses: Intro to C++, Java Programming 1, Calculus 1 & 2 & 3

TECHNICAL EXPERIENCE

Spring Boot REST Backend (Project Page, Live Demo) *May 2025*
Java, Spring Boot, REST API, Nginx

- I was given a front end coded in angular and was tasked with designing a REST API back end using spring boot. I followed the instructions, reading the front end code to help understand what to put into the DTO classes and to understand the endpoints in general.

- To deploy the live demo I configured an nginx reverse proxy and provided SSL with nginx as well. The database, front end, and back end are all configured with NixOS as various systemd services/units.

WikiSus (Source Code) *February 2023 - May 2023*
Python, Flask, Google Cloud Bucket, Unit Testing, Continuous Deployment

- Designed and implemented a wiki website that allows users to seamlessly navigate between game articles based off of keywords in collaboration with 2 other students.

- Established the web server using flask and stored data using Google buckets hosted using Google App Engine for scalable and highly responsive interfaces. Added unit testing with 100% coverage for all backend functionality to maintain core behaviors and minimize breakages.

Troll Interface (Source Code) *October 2021 - November 2021*
JavaScript, Express, MongoDB, Docker, Continuous Deployment

- Built an easy to use interface that allows users to set up customized redirect URLs with custom embedded metadata for any link on the internet, handling Continuous Deployment using GitHub and Docker.

- Created a web server with Express framework, stored URL data into database in MongoDB for scalability, and hosted on a VPS running Linux Ubuntu.

WORK EXPERIENCE

McDonalds *September 2021 - June 2024*
Crew Member Miami, FL

- Contributed to efficient operations and maintained error-free workflows in a fast-paced environment requiring communication and team skills to ensure all food orders and ingredient deliveries were completed successfully.

- Conducted face-to-face customer service and escalated issues as needed to reach a fast and agreeable resolution.