Cristina Hernandez

JUNIOR SOFTWARE ENGINEER

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Objective

Senior Computer Science student with strong analytical skills from coursework in data structures, algorithms, and statistics. Eager to dive into the computer science field to apply diverse skill set and passion for technology.

Education

California State University, Fullerton   **2023 - Present**

BS Computer Science

Glendale Community College   **2020 - 2022**

AS Mathematics

Skills

- Programming Languages: C++| Java| C#| Python| HTML | CSS| Javascript
- Tools: Microsoft Visual Studio Code, XCode, Unity, Raspberry Pi, Windows, Mac OS, Linux, Jupyter Notebook,
- Soft Skills: Communication, leadership, problem-solving, time management, adaptability, teamwork, organization

Course Work

- Data Structures
- Algorithms
- Video Game Development
- Software Engineering
- Linear Algebra
- Statistics

Projects

Object Detection Web Application   **2024**

- Train and leverage an object detection model.
- Uses: Tensorflow Object Detection API, Jupyter Notebook
- Language: Python, HTML, CSS, Javascript

Lexical Analyzing Tool   **2023**

- Led a group of 3 to create a tool that takes input string and separates and stores into tokens.
- Uses: GitHub, Visual Studio Code
- Language: C++

Don't Trip Potato Chip- 2D Video Game   **2023**

- Collaborated with partner to create a 4 scene fully functional 2D arcade style video game.
- Uses: GitHub, Unity

- Language: C#

Raspberry Pi- Motion Detecting Notification **2022**

- Using Twilio API, a SMS sent to cell phone by a click of a button and motion detection.
- Uses: Raspberry Pi, Twilio API, IFTTT
- Language: Python

Leadership & Research

K-16 Buddy Scholarship | Mentor **2023 - Present**

- Provide mentorship to a cohort of 5 students experiencing challenges in lower division computer science courses.
- Offer academic support and curate resources to facilitate student success.
- Engage in regular communication with students, averaging 2-3 interactions per month, to assess progress and develop semester success plans collaboratively.

ASSURE-US | Genetic Programming and 3D graph generation **2023**

- Research artificial intelligence, and genetic programing.
- Collaborated with a group of over 10 students to explore machine learning libraries and symbolic regression.
- Identified underlying mathematical expressions that best describe a relationship and visualized with 3D graphs.

Work Experience

Black Element Inc. | Account Receivables & Scheduling Clerk **2021 - Present**

- Communicate discrepancies to management and recommend collection candidates, demonstrating strong problem-solving and analytical skills.
- Maintain over 1000 account receivable records, ensuring accuracy and up-to-date information, highlighting attention to detail and data management abilities.
- Support optimization of financial transactions and systems by performing daily reconciliation of 30-60 payments and customer accounts, showcasing proficiency in financial data analysis and reconciliation.

Thermal Concepts Inc. | Customer Service Clerk & Dispatch Clerk **2019 - 2020**

- Managed all service requests, prepared paperwork for escalated calls, and ensured full customer satisfaction, showcasing strong communication and customer service skills.
- Coordinated daily scheduling and dispatching for over 10 service technicians, handling over 100 daily jobs, demonstrating effective time management and organizational skills.

Costco Business Center | Retail Operations Associate **2019 - 2016**

- Processed payroll and maintained employee records with accuracy and attention to detail, demonstrating proficiency in data management and payroll processing.
- Handled financial transactions and maintained secure records, showcasing reliability and trustworthiness.
- Demonstrated leadership in ensuring order finalization and mainlining precision in administrative procedures, showcasing meticulous attention to detail and effective organizational expertise

References.

Available upon request.