

DIEGO MIRAMONTES

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EDUCATION

ARIZONA STATE UNIVERSITY

Cumulative GPA: 3.60/4.00

Tempe, AZ

Bachelor of Science in Computer Science (Software Engineering)

Anticipated Graduation: May 2025

Extracurriculars: Member of CodeDevils, Software Developers Association (SoDa), Sun Devil Chess Club, Sun Devils Mario Kart, NSLS

Relevant Coursework: Principles of Programming(Java), Intro to Software Engineering(JavaFX), Introduction to Engineering(Javascript), Computer Organization and Assembly Language Programming (MIPS), Data Structures and Algorithms(C/C++), Operating Systems(C/C++)Languages: JavaScript, Node.js, C++, C, Python, Java, JavaFX, HTML/CSS, C#, Scheme, Prolog, Ruby on Rails

DESERT RIDGE HIGH SCHOOL

Cumulative GPA: 3.90/4.00

Mesa, AZ

Graduated: May 26, 2022

Extracurriculars: Chess, Engineering Program (2018-2020)

TECHNICAL SKILLS

Languages: JavaScript, Node.js, C++, C, Python, Java, JavaFX, HTML/CSS, C#, Scheme, Prolog, Ruby on Rails

Frameworks & Libraries: Pandas, Flask, Dash, Windows Forms/Applications/Services, REST API

Applications & Operating Systems: Github, VS Code/Community, IntelliJ, Microsoft Office Tools, SQL Server, Linux, Windows Eclipse, MongoDB, Postman

WORK EXPERIENCE

MINVEST

Software Engineering Intern

Remote

July 2024 – Present

- Improved and maintained algorithms for stock scoring programs utilized for financial analysis.
- Developing a chatbot to assist users by providing real-time stock information and answering stock-related inquiries.
- Technical Skills Utilized: Python, Pandas, Flask, REST APIs

PARMA CRM

Software Engineering Intern

Remote

June 2024 – August 2024

- Implemented automated backup solutions to enhance reliability and efficiency of critical files and information to ensure data integrity.
- Utilized Parma API for data exchange between Ruby on Rails applications and employed SQL for efficient database management.
- Technical Skills Utilized: Ruby on Rails, SQL, Parma API

ICON X

Administrative Assistant

Maricopa, AZ

May 2021 – May 2022

- Address and direct incoming calls and emails from customers, ensuring timely and effective responses
- Manage diverse customer communication requirements, encompassing inquiries and purchase-related interactions
- Spearheaded the comprehensive organization of invoices, implementing systematic approaches to enhance accuracy, compliance, and overall efficiency in financial record-keeping

PROJECTS

PEDIATRIC OFFICE AUTOMATION | Java, JavaFX, & Eclipse

January 2024 - May 2024

Developed an office automation application for a pediatric doctor's office

- Led the development effort by writing code and offering technical guidance as the primary developer within a team of five members.
- Managed project timelines, resources, and task delegation to ensure timely delivery of the application with portals for doctors, nurses, and patients.
- Includes a chat function enabling users to communicate in real-time with medical professionals at the clinic, with chat history automatically saved.

GENERAL DISCORD BOT | Python & Discord API

October 2023 - Present

- Developed multifunctional Discord bot enhancing user experience in voice calls and chats.
- Implemented YouTube link playback for multimedia experience in voice calls.
- Integrated Twitch live stream alerts, fostering real-time community engagement.

DINO GO | Javascript

August 2022 - December 2022

- Co-led the development effort and wrote code for four interactive games designed to improve fine motor skills for young children, overseeing project timelines, resources, and task allocation.
- Conducted usability testing and integrated user feedback to enhance game performance and usability.

CERTIFICATIONS

DATA ANALYSIS WITH PYTHON CERTIFICATION (approx. 300 hours)

May 2024 - June 2024

- In order to obtain this certification, I engaged in lessons and projects focused on mastering the fundamentals of Data Analysis with Python as the primary coding language. To successfully complete this course, it took approximately 300 hours.
- Projects Completed: 1) Mean-Variance-Standard Deviation Calculator; 2) Demographic Data Analyzer; 3) Medical Data Visualizer; 4) Page View Time Series Visualizer; 5) Sea Level Predictor.

SKILLS

- Fluency in English and Spanish
- Knowledge in computer hardware technology and experience in building and repairing computer hardware
- Volunteered at community service events, helping the homeless and cleaning/repainting elementary schools
- Detail oriented and meticulous problem solver with an enthusiastic approach
- Effectively collaborating with peers, managers, and cross-functional teams ensuring reliable and impactful decision-making