Isaac Reshedo

Tulsa, OK | (918-815-3164) | [LinkedIn](#) | [Github](#) | [My Web Portfolio](#)

OBJECTIVE

Self-taught software engineer specializing in Python, Flask, HTML, CSS, JavaScript, and SQL/SQLite3. Strong passion for creativity and using coding skills to build impactful software solutions. Eager to apply problem-solving abilities and a commitment to continuous learning in a collaborative environment to drive positive change for the world.

EXPERIENCE

BIOS   Tulsa, Ok

Caregiver   10/2020-01/2022

- Provided personalized in-home care for clients with physical or mental limitations, assisting with daily living needs, medications, and transportation to essential appointments.
- Maintained detailed records on clients' well-being, communicating health concerns promptly to support their safety and health.
- Performed household tasks, including cleaning and meal preparation, to ensure a comfortable and supportive environment.

BEST BUY   Tulsa, Ok

Technology/Sales Specialist   01/2022 - 06/2024

- Advised customers on technology products across various departments, promoting value-added services to enhance satisfaction and drive sales.
- Trained new employees in sales techniques and product knowledge, contributing to a collaborative and informed team environment.
- Supported customer service by resolving post-purchase issues and consistently met performance targets, securing full-time status and contributing to store success.

EDUCATION

CS50 (Harvard's Online Course)   [View Certificate](#)

Complete Computer Science Course

- Gained strong foundational skills in programming by learning languages like C and Javascript and mastering core concepts in data structures (arrays, linked lists) and algorithms (bubble sort, merge sort, linear and binary search).
- Developed an understanding of memory management through pointers, allocation, and debugging, enhancing my ability to write efficient and optimized code.
- Built a full-stack web application for my final project, using Python, Flask, HTML, CSS, and Javascript, which expanded my front-end and back-end development skills and strengthened my knowledge of web technologies.

CS50P (Harvard's Online Course)   [View Certificate](#)

Python Programming Language Course
- Built a strong foundation in Python programming through CS50P, mastering key concepts in control flow, conditional statements, functions, and file handling, which developed my ability to write efficient, organized code.
- Gained experience with data structures (such as lists, dictionaries, and sets) and algorithmic problem-solving, enabling me to approach complex tasks methodically and optimize solutions.
- Enhanced skills in testing and validation techniques by completing rigorous projects, which focused on writing robust code, debugging, and ensuring program reliability through effective error handling and testing practices.

Tulsa Community College   08/2020-05/2023
Degree in Computer Science (Coursework Completed)
- Completed foundational courses in Python, HTML, CSS, SQL databases, and C, which provided a solid introduction to computer science principles and programming fundamentals.
- Transitioned to a self-taught approach to focus more intensively on practical skills in software development. This decision allowed me to concentrate solely on coding and building my skills as a software engineer, with an emphasis on hands-on projects and real-world problem-solving.

CODING PROJECTS

ANYTHIING.COM   View Project
- Developed a dynamic web application, anything.com, using Python and Flask as the framework, where users can generate custom quizzes based on any prompt they provide, with adjustable question amounts and optional timers.
- Implemented a quiz history feature that allows users to review their past quizzes, utilizing JavaScript, HTML, CSS, Jinja, and SQL/SQLite3 for database management and data presentation.
- Created a category-based score tracking system that displays users' average scores on quizzes by category through interactive charts, enhancing user engagement and providing insightful feedback on quiz performance.

Python NBA Statistics Searcher   View Project
- Developed a Python project using the NBA API that allows users to retrieve detailed statistics for any player in NBA history, including career stats, single-season stats (based on a user-specified season), and playoff stats.
- This project, one of my first coding experiences, helped me gain hands-on experience with APIs and solidified my understanding of logic in programming. It taught me how to interact with third-party services, handle user inputs, and structure code to manage and present data effectively.

SKILLS/INTERESTS

Technical Skills: Python, Javascript, HTML, CSS, SQL (SQlite, MySQL), Flask, API Integration, Object-Oriented Programming

Soft Skills: Leadership, Self-motivated, Responsible, Communication, Time Management

Interests: Music Production, Basketball, Weightlifting