Jorge Umanzor

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EDUCATION

University of Houston – Houston, Texas · **Expected Graduation: May 2025**

Bachelor of Science in Computer Science with Mathematics Minor · **GPA: 3.85**

Relevant Coursework: Programming Languages and Paradigms, Fundamentals of Operating System, Data Science and Machine Learning, Computer Organization & Architecture, Algorithms and Data Structures, Linear Algebra

EXPERIENCE

Code Coogs – Lead Software Developer · **August 2023 – December 2023**

- Lead a team of 15 students in developing and launching an innovative personal finance app using the MERN stack, overseeing all aspects of design and development.
- Enhance team productivity by 30% by leading over 8 regular Agile meetings and stand-ups, ensuring clear communication and alignment on project goals.

Texas R U Painting and More LLC - Project Manager · **June 2020 - January 2024**

- Facilitate the creation and organization of over 250 monthly estimates and invoices, and manage daily inventory, reducing billing errors and improving operational efficiency by 400%.
- Coordinate schedules and conduct monthly inspections of 50+ property units, optimizing resource allocation and reducing maintenance costs by 25%.

PROJECTS

Wealth Wise | JavaScript, MongoDB, React, ExpressJS, NodeJS, Plaid API

- Developed a dynamic financial dashboard using React for the frontend and ExpressJS along with NodeJS for the backend, offering users real-time financial data visualization and analysis tools that improved financial decision-making efficiency by 60%.
- Leveraged MongoDB to store and manage user data, including financial goals and transaction history. This system allowed for highly personalized user experiences and targeted financial advice, contributing to a 30% increase in user satisfaction.
- Incorporated RESTful APIs for efficient data handling and integration with third-party financial services, improving the app's functionality and seamless use with personal bank account.

Invoice Automation CLI | Python, Selenium, Pytesseract, QuickBooks API

- Implemented an invoice automation tool using Python, integrating with the QuickBooks API to streamline the creation and management of invoices, leading to a reduction in manual data entry errors and a 400% increase in operational efficiency.
- Employed Pytesseract for OCR capabilities to automate the extraction of detailed information from PDF job orders, significantly streamlining the conversion process into digital formats for efficient invoice generation.
- Integrated Selenium for advanced automation within the invoicing process, leveraging its capabilities to navigate web interfaces and automate repetitive tasks seamlessly, cutting down the average invoice life cycle by 400%.

SKILLS

Programming Languages: Python, C++, JavaScript, Rust, Go, Java, Kotlin, Scala, Ruby, R, SQL, HTML/CSS, Bash

Frameworks and Libraries: React, Express, NodeJS, Numpy, Pandas, Selenium, Flask, Django

Developer Tools: Linux, Git, SVN, Docker, GitHub, Visual Studio Code, Android Studio, R Studio, Microsoft 365

LEADERSHIP, CLUBS AND ORGANIZATIONS

Institute of Electrical and Electronics Engineers – Sponsorship Director · **May 2023 – Present**

- Direct communications and liaise with over 25 IEEE UH's corporate sponsors, scheduling keynote speakers for meetings and orchestrating sponsor-centric events.
- Supervise logistics for 10+ corporate events and synchronize with the Treasurer to secure and allocate sponsorship contributions, resulting in a 25% increase in sponsor satisfaction and a 15% rise in funding.