

John A. Grasso

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EDUCATION

Arizona State University
Bachelor of Science in Computer Science
GPA: 4.00

Tempe, AZ
Expected 2026

WORK & LEADERSHIP EXPERIENCE

DataAnnotation **Remote**
Software Developer, Contract Mar 2024 – Present

- Provided training and guidance to various AI models, ensuring accuracy and adherence to best practices in coding languages including Python, Java, C, C++, and SQL.
- Evaluated AI models to enhance programming performance and efficiency in multiple projects, contributing to streamlined development processes.
- Applied knowledge of AI methodologies and programming languages to support model improvements in accuracy, scalability, and overall effectiveness when prompted to write code.

FutureOpp LLC **Stony Brook, NY**
Web Developer Dec 2023 – Present

- Co-led development of a crisp and performant React web platform that improved customer engagement.
- Planned and documented features to ensure a clear roadmap for development and implementation, using GitHub for streamlined version control.
- Provided design feedback and references to ensure customer satisfaction and approval.

Division Avenue High School **Levittown, NY**
President, Physics Olympiad Sep 2021 – Jun 2022

- Organized a team of high school students to participate in an annual competition involving the application of various physics principles through numerous events.
- Assessed team members' strengths and weaknesses in various physics topics to optimally assign them to various events.
- Achieved second place in two separate events, and fourth place overall out of 10 teams.

PROJECTS

Full Stack JavaFX App Dec 2024
Java, JavaFX, SQL

- Led a team of 5 developers to create a full-stack bookstore application, leveraging JavaFX for UI and SQL for data storage and manipulation..
- Developed a performant app that accomplished all predefined goals and met all predefined metrics.
- Utilized Github for version management and Jira for team coordination and management.

Financial Market Sentiment Analysis Sep 2024
Python, Google Colab

- Collaborated with two other developers to create a stock price analyzer in a Google Colab Python notebook.
- Developed a web scraping solution to extract articles relevant to selected stocks and queried them through an OpenAI LLM for sentiment analysis.
- Correlated the sentiment analysis results with historical stock price data to identify trends, providing insights into how market sentiment impacts stock movements.

Smart USB Charger

Programmed in C

Dec 2022

- Soldered and populated a PCB with all necessary components, including an Atmel ATMEGA4809 microcontroller.
- Programmed three different charging modes, which conserved battery health over time by up to 20% when utilized in various electronics.
- Implemented a secondary clock feature, based on a crystal oscillator installed on the board, which outputs to a seven-segment display.

SKILLS

Languages: English (Native), Spanish (Conversational)

Programming Languages: Java, C, C++, Python, Javascript, HTML5, CSS

Technologies: Git, VS Code, MongoDB, Linux, Microsoft Excel

Miscellaneous: Automotive Repair, Automotive Software