

Eric Reizas

Warrington, PA | 215-480-7940 | ereizas@gmail.com | <https://ereizas.github.io/portfolio-site/> | <https://www.linkedin.com/in/eric-reizas-templecis/> | github.com/ereizas

EDUCATION

Temple University

Master of Science in Computer Science | GPA: 3.76

Bachelor of Science in Computer Science | GPA: 3.95

Dean's List Fall 2021 - Spring 2024

Philadelphia, PA

January 2025 – December 2025

August 2021 – December 2024

EXPERIENCE

Software Engineer Intern

JLG Industries

May 2025 - Present

Greencastle, PA

- Pioneered a Python script to simulate CAN-based startup routines and maintain continuous communication for length sensors, enabling early-stage software validation and clearing a test fixture's CAN bus errors
- Resolved 21+ diagnostic trouble codes (DTCs) on a test fixture by rewiring circuits and installing hardware modules, enabling developers to isolate bugs earlier and minimizing costly misdiagnoses
- Led evaluation and approval of a third-party code signing solution ahead of product release by consulting stakeholders and researching validation requirements to ensure operational fit

Data Architecture and Integration Intern

JLG Industries

May 2023 – May 2025

Hagerstown, MD

- Automated bulk updates in Axon Data Governance Glossary with a Python script, achieving over 9200x speedup that scales with input size and cutting manual data entry time by 99.99%
- Surfaced over 108 million actionable data quality issues by implementing over 100 data quality rules across 26 tables with SQL, Groovy, and regular expressions in iceDQ, enabling remediation of anomalies in critical datasets
- Reduced Excel processing time from hours to minutes by engineering a PowerShell script that filtered and deduplicated rows and then integrating it in iceDQ to automate rule execution

Software Engineer Fellow

Headstarter AI

July 2024 – September 2024

New York City, NY

- Designed a responsive portfolio website using HTML and CSS while optimizing for search engine visibility and improving user engagement across all devices
- Integrated Retrieval-Augmented Generation (RAG) with professor review data into a chatbot's chat completion feature, leveraging Meta's LLAMA API and Hugging Face's sentence transformation API for enhanced response quality

PROJECTS

ThrillType | *Python, Flask, JavaScript, HTML, CSS, Jira, Git*

March 2024 – May 2024

- Directed a group of eight to create a type racing game web application while managing project sprints and coordinating tasks using Jira to infuse a streamlined workflow
- Engineered dynamic text generation based on user typing speed by crafting JavaScript logic to offer an engaging typing experience
- Deployed Python Flask endpoints to facilitate seamless communication between frontend and backend systems, supporting real-time user statistics updates and text generation

Schedule Compiler | *Python, Git*

November 2023 – December 2024

- Spearheaded a team of five using Scrum methodology in developing a Python desktop application for college class schedule generation, achieving 20 downloads from Temple University students
- Revamped the depth-first search scheduling algorithm to increase its flexibility and ensure it excludes redundant schedules and provides diverse scheduling options
- Enriched user experience by debugging and refining the graphical user interface for more intuitive functionality

SKILLS

Code Languages: Python, C, JavaScript, SQL, Java, HTML, CSS

Frameworks: Flask

Developer Tools: Git, Jira, Visual Studio Code, PyCharm, IntelliJ, ER/Studio

Libraries: requests, BeautifulSoup, tkinter, pytest