Eric Reizas

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EDUCATION

Temple University — Philadelphia, PA

Master of Science in Computer Science — January 2025 – December 2025

Bachelor of Science in Computer Science — August 2021 – December 2024

GPA: 3.99; Dean's List Fall 2021 - Spring 2024

EXPERIENCE

Data Architecture and Integration Intern — May 2023 – Present

JLG Industries — Hagerstown, MD

- Streamlined anomaly detection by implementing 61 data quality rules across 11 tables with SQL, Groovy, and regular expressions in iceDQ
- 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%
- Exposed data validation gaps by creating 10 conceptual data flow diagrams in ER/Studio Business Architect, reflecting systems requirements and interactions

Software Engineer Fellow — July 2024 – September 2024

Headstarter AI — 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

Quality Assurance Tester Intern — January 2022 – May 2022

USLI — Wayne, PA

- Ensured high-quality user experiences by investigating system issues and promptly reporting errors for 10-12 applications a week, to enhance overall reliability
- Amplified testing efficiency by collaborating with six testers to delegate test cases, leading to improved test coverage and faster issue resolution
- Heightened bug tracking accuracy by documenting errors using Microsoft Azure and updating test cases to improve clarity and usability for development teams

PROJECTS

Schedule Compiler | *Python, Git* — November 2023 – Present

- Spearheaded a team of four using Scrum methodology in developing a Python desktop application that creates potential schedules for Temple University students by considering desired classes and availability constraints
- 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

ThrillTyper | *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

SKILLS

Code Languages: Python, C, Java, SQL, HTML
Frameworks: Flask
Developer Tools: Git, Jira, Visual Studio Code, PyCharm, IntelliJ, ER/Studio
Libraries: requests, BeautifulSoup, tkinter, pytest