Eric Reizas

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EDUCATION

Temple University   Philadelphia, PA
Bachelor of Science in Computer Science   *August 2021 – December 2024*
GPA: 3.99; Dean's List Fall 2021 - Spring 2024

EXPERIENCE

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
- Devised a secure inventory management system utilizing server-side logic with Next.js, ensuring private data protection and efficient data handling

Data Architecture and Integration Intern   May 2023 – Present
JLG Industries   *Hagerstown, MD*
- Implemented automated data quality rules across eleven tables using Groovy and regular expressions by combining independent analysis with insights from subject matter experts to assess data quality
- Bolstered data lineage understanding and system optimization by reverse engineering five tables in X-Analysis to identify relationships and model them with ER Studio Data Architect
- Advanced Master Data Management project by creating five conceptual data flow diagrams in IDERA (Embarcadero) ER Studio Business Architect reflecting applications and systems requirements and interactions

Quality Assurance Tester Intern   January 2022 – May 2022
USLI   *Wayne, PA*
- Ensured high-quality user experiences by investigating system issues and promptly reporting errors, focusing on accuracy and accessibility to enhance overall product reliability
- Amplified testing efficiency by collaborating with a team of six testers to strategically assign and 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

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

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 ensure it excludes subsets of schedules and provides diverse scheduling options, improving the application's flexibility and accuracy
- Enriched user experience by debugging and refining the graphical user interface to ensure graphs displayed correctly in the executable and making its functionality more intuitive

TECHNICAL SKILLS

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