

Isaac Fisher

isaac.fisher@nyu.edu • <https://www.isaac-fisher.com> • <https://github.com/isaac1000000>

Education

New York University, New York, NY

May 2025

Bachelor of Arts, Major in Computer Science, Major in German, GPA: 3.74

Relevant Coursework: Software Engineering, Agile Development, Applied Internet Technologies (AIT), Cybersecurity, Cryptography, Algorithms, Operating Systems, Data Structures

Technical Skills

Coding Languages:

JavaScript (Node.js, Express, React), Python (Flask), Java (Spring Boot, Maven), C

Other Skills:

Agile (Scrum) Development, Git, GitHub Actions, CI/CD, SQL, PostgreSQL, HTML, CSS (Tailwind), Vulnerability Management, Cryptography, AI, Docker, German (Goethe C1)

Experience

Lab Member, OSIRIS Cybersecurity Research Lab, NYU

Dec 2024 - Present

- Compete in “Capture the Flag” (CTF) hacking competitions as part of a team ranked #6 in the United States and #46 globally per CTFTime
- Work with graduate students in researching, maintaining lab infrastructure, and developing related tooling
- Participate in seminars, community outreach, and other cybersecurity-related instructional events

Desktop Support Assistant, NYU Libraries, New York, NY

September 2024 - Present

- Provide technical support to NYU students and faculty
- Communicate with other departments to ensure smooth operations within library ecosystem
- Implement and design internal tools to display necessary maintenance information

Software Developer for AI Training, Outlier AI, Contract, Remote

May 2024 - July 2024

- Provided feedback to improve code response quality on a globally known Large Language Model (LLM)
- Ranked AI-generated code along specific guidelines such as correctness, applicability, and clarity
- Wrote tests for edge cases of LLM code responses and reported inaccuracies

Field Deployment Technician, GDC IT Solutions, Contract, Harrisburg, PA

May 2023 - June 2023

- Deployed more than 500 laptop and 100 desktop PCs in Commonwealth Charter Academy satellite locations
- Collaborated with resident teachers and staff to ensure successful data transferring and device onboarding

Projects

BookBroker, JavaScript(React, Node.js, Express), Tailwind, MongoDB

Agile Development Final, Spring 2025

- Leveraged React with Tailwind and Express to develop and deploy a mobile web-app for facilitating used book trades
- Employed Agile/Scrum methodology in a large team setting to organize communication and development practice
- Integrated secure user authentication with JSON web tokens and inter-user messaging functionality

munaalfadl.com, HTML(Jekyll), CSS(SASS), JS

Commission, Spring 2025

- Designed a custom website for a local artist with a focus on attractive and simple aesthetics
- Coordinated with the client to ensure intuitive post creation and continuous site updates

Palettemate, JavaScript (Node.js/Express), PostgreSQL

AIT Final, Fall 2024

- Gathered 6000+ data points of product information for paints across brands and product lines
- Optimized Postgres queries and Express API to handle 100+ requests per second
- Implemented proper security protocols to facilitate secure user login

Flexicon, Java (Spring Boot), PostgreSQL, React.js, Python

Independent, Summer 2024

- Designed an effective React.js webpage for language learners to generate and download custom flashcard sets
- Parsed 5000+ articles to fill a Postgres database with over 50 million data points on word frequency and correlation
- Developed a Spring Boot REST API and relevant service applications to manage data and process user requests
- Fine-tuned queries to decrease wait times during card set generation by 95%