

# Isaac Fisher

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## Education

**New York University**, New York, NY Expected May 2025

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

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

**New York University in Berlin**, Berlin, Germany

Fall 2023

Coursework in German language, literature, and culture

## Technical Skills

**Coding Languages:** Java (Spring Boot), Javascript (Node.js, Express, React), Python, C

**Other Skills:** Git, PostgreSQL, Linear Algebra, Cryptography, Docker, German (Goethe C1)

## Experience

**Desktop Support Assistant, NYU Libraries**, New York, NY September 2024-Present

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

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

May 2024-July 2024

- Provided ideal and functional code responses to end user software-related queries
- Ranked AI-generated code along specific guidelines such as correctness, applicability, and clarity
- Supplied guidelines for best-case code generation, including requests that require API or library usage

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

May 2023-June 2023

- Deployed new laptops in Commonwealth Charter Academy satellite locations
- Installed personal computers and technical equipment in new office spaces
- Supported resident staff in transferring data and preparing new devices

## Independent Projects

**Palettemate**, Javascript (Node.js/Express), PostgreSQL

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

Summer 2024

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

**Dictionfairy**, Python

Summer 2024

- Engineered custom Selenium webscraping module to access dictionary results in-app with a single click
- Leveraged Qt desktop app design philosophy to deliver a pragmatic user experience
- Maintained 3 interface languages and 6 dictionary sources with support for user-defined web searches

## Interests

Volleyball, German Theater, Guitar, Double Bass, Modern/Postmodern Literature, Languages, Cooking