

# Isaac Fisher

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## Education

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

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

*Relevant Coursework: Applied Internet Technologies, Cybersecurity, Algorithms, Operating Systems, Data Structures*

**New York University in Berlin**, Berlin, Germany Fall 2023

Coursework in German language, literature, and culture

## Technical Skills

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**Coding Languages:** Java (Spring Boot), Python, C

**Other Skills:** Git, PostgreSQL, Linear Algebra, Docker, German

## Experience

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**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

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**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%
- Used Docker to containerize and deploy the working product

**isaac-fisher.com**, HTML/CSS/JS Summer 2024

- Created a personal website using the HTML/CSS/JS stack
- Cataloged projects and curated a technical blog discussing issues faced during project development
- Designed an attractive website theme, including support for mobile site display

**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

**MyLikedLive**, Python Fall 2022

- Developed a scraping program using the Spotify and Ticketmaster APIs to facilitate user login, scan music preferences, then find relevant concerts
- Constructed a simple and attractive user interface with clarity as a central focus

## Interests

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