

## Hanna Gersten

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### SUMMARY

As a woman who recently discovered her passion for coding and computer science, I am determined to pursue a career in the tech industry.

### EDUCATION

**NYU Tandon School of Engineering**, Brooklyn NY,

Expected Graduation: December, 2023

M.S. Computer Science

**NYU Tandon School of Engineering Bridge Program**, Online

Graduated: December, 2021

**Queens College of the City University of New York**, Flushing NY

Graduated: May 2021

B.A. Mathematics Education GPA: 3.8, Magna Cum Laude

**SheCodes Plus Workshop**, SheCodes, February 2021 - March 2021

### EXPERIENCE

**MLH Fellowship, Production Engineering Track**, June 2022 - August 2022

- Contributing to real world problems to make sure services are reliable and scalable

**NYU Tandon School of Engineering Bridge Program**, July 2021 - December 2021

- Learned the foundations of C++, Data Structures and Algorithms, Operating Systems, and Networking
- Graduated with Distinction

**Mentor**, Jwave Girls Division, October 2019 - May, 2021

- Mentored teenage girls in an after school program and volunteered mathematics tutoring

### PROJECTS

**Strace** - Designed a version of the linux strace command in xV6 as an Operating Systems project in C and supported commands such as strace run, strace dump, and flags. [Strace Command](#)

**QA Forum** - Q&A Forum written primarily in PHP and HTML (using the Bootstrap library) to support a local relational database. [QA Forum](#)

**Weather App** - Designed a weather app in Vanilla Javascript that implements the OpenWeather API, Geolocation, and AJAX to display the current weather in any city.

[MyAwesomeWeatherApp](#)

### LANGUAGES

- C, C++
- Python
- Java
- SQL/ MySQL
- CSS/HTML/JavaScript

### SELECTED COURSEWORK

- Operating Systems
- Database Systems
- Linear Algebra
- Advanced Calculus
- Discrete Mathematics