

Anna Belenko

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EDUCATION

Brooklyn College, City University of New York

Bachelor of Science in Computer Science

Brooklyn, NY

Graduation Date: June 2026

- **Relevant Coursework:** Introduction to Java, Computer Architecture, Data Structures, Analysis of Algorithms, Multimedia Programming, Computer Graphics, Probability & Statistics, Calculus I & II, Operating Systems, Workstation Programming

SKILLS

Languages: Java, JavaScript, Python, TypeScript, C++ **Framework/Libraries:** React, AngularJS, Tailwind CSS, Phaser, scikit-learn
Cloud/Platforms: AWS Bedrock, AWS Lambdas, Jupyter Notebook **Other:** Large Language Models (LLMs), Artificial Intelligence (AI), Machine Learning (ML)

Certificate: Build Wireframes and Low-Fidelity Prototypes in [UI/UX Design](#) & Foundations of [Project Management](#) by Google

RELEVANT EXPERIENCE

Vanguard

Software Engineer Intern

Malvern, PA

May 2025 – August 2025

- Developed **AI** agent in **AWS Bedrock**, using **Python**, **React**, and **Lambdas**, to assist with identifying share class conversions
- Solved a key business problem where manual mistakes led to \$2.4 million in impact since 2024
- Led a hackathon team to develop a tax savings application that calculates percentage of dividends by income using **AngularJS**

[Permanence AI](#)

Software Engineer Intern

Manhattan, NY

January 2025

- Engineered and tested optimized prompts to improve the **LLM's** performance for **Python** code generation using OpenAI API
- Experimented with **AI** model parameters, such as temperature and tokenization limits, to understand the behavior of GPT
- Analyzed patterns between safe and unsafe code, trained the **ML** classifier to improve 11% accuracy using Microsoft's dataset

Students Who Code

Software Engineer Intern

Remote

July 2023 – August 2023

- Developed front-end code with 11+ software engineer interns, contributing to an online coding platform for ~500 K-12 students
- Implemented drop-down menu for clearer information architecture & added quiz retakes option to enhance memory recall

PROJECTS

[StormShopp](#)

Hackathon at Massachusetts Institute of Technology (TypeScript, Next.js)

Cambridge, MA

September 2024

- **Developed** an ordering website that automatically pre-orders essential supplies when a storm is coming, with a team of 3 people
- Implemented AI/ML model for storm prediction, NOAA API for alert validation, and Clerk for onboarding process

[Minerva](#)

Hackathon at Harvard University (TypeScript, JavaScript)

Cambridge, MA

October 2023

- **Developed** a Notion-inspired note-taking platform featuring real-time voice-to-text transcription with a team of 3 people
- Implemented AI-enhanced tools to modify transcriptions & produce high-quality notes for better accessibility in classrooms

[Elevators, Economic Injustice](#)

Datathon at Macaulay Honors College (Python, MTA Open Data)

Manhattan, NY

September 2024

- **Developed** linear regression analysis on elevators/escalators outages with a team of 3 people to identify peak outage times
- Identified 15 stations with need for new installations based on poverty, outages, & ridership to **maximize accessibility** by 4%

[Charity Page Case Study](#)

Designathon at McMaster University **3rd Place Winner** (Figma, UI/UX Design)

Remote

November 2022

- **Designed** a straightforward, concise and informative Ramadan charity webpage, & conducted usability studies with a team of 3

LEADERSHIP EXPERIENCE

Computer Science Club

President

Brooklyn, NY

May 2025 – Present

- Organized the week-long game development coding competition by collaborating with another college, College of Staten Island by managing logistics, securing funding, overseeing public relations, and delegating tasks to 10+ event organizers
- Increased membership attendance in events by 30% by designing publicizing materials, and collaborating with 5+ organizations to host workshops, career panels, alumni events, and general information for the student body of 1,300 computer science students

Broeklundian Yearbook Committee

President

Brooklyn, NY

April 2024 – April 2025

- Managed budget of \$8,500 for the school year, covering yearbook productions and events, delegated tasks to finish publication
- Organized and led the Senior Send Off, informative and celebratory event for 3,000 seniors of Brooklyn College

Undergraduate Student Government

Press Director

Brooklyn, NY

July 2024 – May 2025

- Streamlined website architecture by highlighting club funding, event planning, and governing documents resources
- Approved and adjusted club funding requests over \$1,000 in cabinet meetings, coordinating with administrators on budgets