

# Eden Chung

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## EDUCATION

**Barnard College, Columbia University** | New York, NY | *B.A Computer Science*

**May 2026**

Minor in Mathematics

**GPA: 3.98/4.00**

Selected coursework: Artificial Intelligence, Systems Programming, Deep Learning for Computer Vision, Parallel Programming, Discrete Math, Computer Science Theory, Data Structures, Linear Algebra, Calculus III, Ordinary Differential Equations

Member of Upsilon Pi Epsilon (International Computer Science Honor Society)

## SKILLS AND CERTIFICATIONS

**Programming languages:** Python, Java, JavaScript, C

**Frameworks/technologies:** React.js, SQL, Flask, Tensorflow, AWS, Git, UNIX, Bash, HTML/CSS, Excel, Photoshop

**Certifications:** AI and Machine Learning, certified by Cornell Tech (August 2023)

## TECHNICAL EXPERIENCE

**Zebra Technologies** | Holtsville, NY | *Software Engineering Intern*

**May - August 2024**

- Built an advanced search tool using Python, MongoDB, Large Language Models (LLMs), and Natural Language Processing (NLP) to enhance product searches by understanding user context, significantly improving the accuracy of results.
- Saved company \$75,000 annually by developing a Python application to automate the sustainability department's workflow.
- Worked in a Agile/Scrum environment for product lifecycle with team members across the globe.

**Anote** | New York, NY | *Founding Engineer*

**August 2023 - July 2024**

- Led the development of [PrivateChatbot](#), a specialized chatbot, across both web and desktop platforms using Python, React.js, MySQL, and AWS. Achieved a 6% increase in model accuracy using OpenAI finetuning and NLP techniques.
- Published three research papers focused on the augmentation of LLMs with human input, and promoted Anote's innovations through a talk at AI Day attended by over 200 people.
- Optimized user experience by designing an API from Anote's codebase, in addition to establishing documentation.
- Managed and mentored a team of 10 interns, conducting code reviews, and providing feedback within a Scrum environment.

**Break Through Tech AI, Cornell Tech** | New York, NY | *Fellow*

**June 2023 - April 2024**

- Selected nationally from 1400+ undergraduates in an intensive AI and ML course, paired with weekly hands-on lab sessions, providing a strong foundation in AI and ML.
- Constructed data analysis pipelines, trained and validated models, and implemented ML algorithms including deep learning models and natural language processing algorithms.
- Developed a convolutional neural network model for the NY Botanical Garden to categorize 7.8 million specimen images.

**[Vetro Technologies](#)** | Remote | *Full Stack Engineer Intern*

**June - July 2023**

- Incorporated AWS, including Amplify & Lambda, GraphQL, and REST APIs to ensure a scalable, high-performance app and elevate user experience. Seamlessly integrated these capabilities into the React.js frontend.
- Enhanced app functionality by contributing to the backend development of the application, the search engine, acquiring proficiency in multiple APIs, including OpenAI, SERP, and Proxycurl.
- Improved user engagement by developing and implementing 15 search features, including GitHub and personal website search features, doubling the available options.

## PROJECTS

**[Smart Resume Builder](#)** | Java, Python, JavaScript

**July 2023 - May 2024**

- Designed and developed "ResumeBuilder," a Java desktop application using object-oriented design principles, enabling users to input information for automated PDF resume generation.
- Created a web version using the MERN stack for ease of access, deployed on serverless functions.
- Engineered a SQLite database to streamline user authentication, enhancing access and editing capabilities for their past data and resumes, resulting in faster retrieval times.

**[Spotify Project](#)** | JavaScript, React Native

**May 2023**

- Produced a cross-platform Android and iOS mobile app integrating artist and song information, a "Guess the Song" game, challenging users to identify a song from their playlist from a 30-second clip, and a playlist analyzer.
- Utilized React Native and connected the app to the Spotify API, allowing users to access and explore information about their favorite artists and songs.