Eden Chung

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EDUCATION

Barnard College, Columbia University | New York, NY | *B.A Computer Science* **May 2026**
Minor in Mathematics **GPA:** 4.02/4.00
Selected coursework: Advanced Programming (Systems Programming), Parallel Programming, Discrete Math, Computer Science Theory, Data Structures, Linear Algebra, Calculus III, Ordinary Differential Equations

SKILLS AND CERTIFICATIONS

Programming languages: Java, Python, JavaScript, C/C++, SQL, HTML, CSS
Frameworks/technologies: React.js, Tensorflow, AWS, Git, UNIX, Microsoft Office (inc. Excel), Photoshop, Illustrator
Certifications: AI and Machine Learning, certified by Cornell Tech (August 2023)

TECHNICAL EXPERIENCE

Zebra Technologies | Holtsville, NY | *Mobile Engineer Intern* **May 2024 - Present**

- Built end-to-end solution for item lookup for Android devices using NLP techniques and computer vision models to improve accuracy.
- Leveraged AI and ML to improve voice recognition capabilities using Kotlin.
- Developed a solution that utilizes ML for the sustainability department to automate their workflow, saving time and manual labor.

Anote | New York, NY | *Founding Engineer* **August 2023 - Present**

- Spearheaded the development of PrivateChatbot, a specialized AI-powered chatbot for the financial sector, across both web and desktop platforms using Python, React.js, MySQL, and AWS. Achieved a 6% increase in model accuracy through fine-tuning and other NLP techniques.
- Published three research papers focused on the augmentation of Large Language Models (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, with an integrated CI/CD pipeline and unit testing.
- 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.