Eden Chung

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EDUCATION

Barnard College, Columbia University | New York, NY | *B.A Computer Science*   **May 2026**
Minor in Mathematics   **GPA:** 4.13/4.00
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

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

- Spearheaded the development of PrivateGPT, 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 two 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 data processing and integration by designing a comprehensive API for Anote's functions.

Break Through Tech AI, Cornell Tech | New York, NY | *Fellow*   **June 2023 - Present**

- 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, developing essential skills.
- Created computer vision models to analyze images for a kaggle competition

Columbia University, Calculus III | New York, NY | *Teaching Assistant*   **September 2023 - December 2023**

- Improved student comprehension of multivariable math concepts by helping teacher with duties, including grading and providing feedback for 50 students' assignments, quizzes, and exams.

Vetro Technologies | Remote | *Full Stack Engineer Intern*   **June 2023 - 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   **July 2023**

- Designed and developed "ResumeBuilder," a Java desktop application using object-oriented design principles, enabling users to input information for automated PDF resume generation.
- 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.

LEADERSHIP/EXTRACURRICULARS

Application Development Initiative, Columbia University | Leadership Committee Member   **Oct 2023 - Present**

- Expand participation in ADI's hackathon by developing the club's website in React.js, viewed by 1200+ people.

Bwog, Columbia Student Publication | Tech Team   **Sep 2023 - Present**

- Maintain and contribute to Bwog's website, containing 16,000 articles for an audience of 400,000+ viewers per month.