

EDEN CHUNG

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EDUCATION

Columbia University, Barnard College

May 2026

B.A Computer Science, minor in Mathematics, GPA: 4.13/4.00

Relevant coursework: Advanced Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Multivariate Calculus

SKILLS AND CERTIFICATIONS

Languages: English, French (fluent); Spanish, Chinese (basic)

Programming languages/frameworks: Java, Python, Javascript (including React.js), C, SQL

Softwares: Git, Excel

Certifications: AI and Machine Learning, certified by Cornell Tech; Materials Science, certified by Brown University

WORK EXPERIENCE

Vetro Technologies | Full Stack Engineer Intern

June 2023 - Present

Startup revolutionizing talent acquisition through AI powered people search and matching

- Contributed to the backend development of the application, the search engine, acquiring proficiency in multiple APIs, including OpenAI, SERP, and Proxycurl, utilizing their capabilities to enhance app functionality.
- Developed and implemented 15 search features, including GitHub and personal website search features, doubling the available options, improving user engagement.
- Enhanced skills through AWS utilization, incorporating AWS Amplify, Lambda, and REST APIs to ensure a scalable, high-performance app and elevate user experience. Seamlessly integrated these capabilities into the React.js frontend.

Break Through Tech AI, Cornell Tech | Fellow

June 2023 - April 2024

- Selected to participate from over 1400+ undergraduates in an intensive AI and ML course, paired with weekly hands-on lab sessions, providing a strong foundation in AI and machine learning.
- Developed expertise in constructing data analysis pipelines, training and validating models, and implementing machine learning algorithms including deep learning models and natural language processing, developing essential skills.
- Conducted a self-directed NLP project, developing a ML model to classify book reviews as “positive” or “negative”, utilizing and comparing diverse NLP techniques.
- Led a project team of 5 person to work with the AI startup, Anote, to build a ML model to classify unstructured text data, developing deep learning and NLP skills.

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.

Virtual Cardiology Assistant | Python, Flask, HTML, CSS

June 2023

- Developed, trained, and finetuned an AI model in Python using Scikit-learn to create an intelligent virtual assistant for cardiologists, reducing patient wait times and increasing efficiency for doctors offices, as well as predict the likelihood of a heart attack.
- Built a user-friendly web application using HTML, CSS, and Flask, allowing convenient access to the virtual assistant on various devices.
- Implemented MongoDB integration for secure and scalable patient database, enabling storage and retrieval of data for hundreds of patients. Enabled AI model training by providing previously nonexistent data source.

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.

ACHIEVEMENTS

Dean’s List, Barnard College of Columbia University

Fall 2022, Spring 2023

Graduating Class Honor Roll, International School of Geneva

2022