

Noah Choi

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EDUCATION

Carnegie Mellon University | Pittsburgh, PA

Expected: May 2028

Bachelor of Science in Statistics and Machine Learning

Relevant Coursework: Principles of Imperative Programming, Concepts of Mathematics

Korea International School | Seongnam-si, South Korea

Completed: June 2024

GPA: 3.96/4.0

SKILLS & ABILITIES

Programming Languages: Typescript/Javascript, C, Python, Java, Swift, HTML, R

Self Taught Frameworks/Skills: Next JS, Node JS, React Native, Firebase, Google Cloud, Linux, Git, Tailwind, Flask API, OpenAI API, Streamlit API

PERSONAL PROJECTS

PodCuts: AI-Powered Podcast Player

Ongoing

- Developing a mobile app to create bite-sized podcast clips using AI segmentation for improved navigation and consumption.
- Built the front end with React Native and utilized Firebase/GCP for backend services such as user authentication and data storage.
- Developed custom Flask API, hosted on Google Cloud Platform (GCP), to handle audio trimming and processing.

Collaborative Filtering Book Recommender

December 2023

- Developed a web application that recommends books based on users' liked books using collaborative filtering techniques.
 - Implemented the recommendation system using machine learning libraries Pandas, NumPy, and scikit-learn.
 - Built an interactive user interface with the Streamlit API to dynamically display book recommendations.
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EXPERIENCE

Scotty Labs(Laborador Commitee) – Carnegie Mellon University

September 2024 - present

- Co-led a team of 8 students in developing a full stack web application CMUMeets, a website designed to organize meetings between students for study, homework collaboration, etc.
- Presented process and outcomes to all club members at the Scotty Labs Labrador Committee Demo Day

Private Math Tutor - Freelance

April 2024- July 2024

- Conducted 1-on-1 tutoring for K-12 students, tailoring lessons to individual needs.
- Designed interactive lessons, homework, and assessments to track progress.

Design and Innovation Intern - Korea International School

April 2021 - December 2023

- Created computer science resources such as videos, presentations, and brainstorm project ideas for the AP computer science department to help students learn.

Computer Programming Club Leader - Korea International School

Janurary 2021 - May 2024

- Delivered weekly programming lessons, covering topics from functions and loops to web and game development.
- Assisted members with personal programming projects.