

Aaron HuSun

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Education

Carnegie Mellon University | Pittsburgh, Pennsylvania

May 2027

Major - Bachelor of Science in Information Systems, Intended Additional Major in Computer Science

GPA - 3.57

Selected Coursework:

Principles of Imperative Computation, Introduction to Computer Systems, Concepts of Mathematics

Paul Laurence Dunbar High School | Lexington, Kentucky

May 2023

Math Science Technology Center (Selective Admissions)

GPA - Unweighted: 4.0, Weighted: 4.83, ACT - 36

Volunteer and Work Experience

re:Bloom, Developer

01/2023 to Present

- Conceptualize and design website for local non-profit company, facilitate communication with client and incorporate alignment with their business mission and objectives

Convident, Intern

06/2023 to 09/2023

- Spearheaded the design and implementation of an innovative front-end website for the organization, developed AI model for foreign language language learning

Private Tutoring

10/2022 to Present

- Create personalized curriculum to tutor high school student in Chemistry, Algebra 2, Precalculus, US Government, ACT, Psychology, Computer Science

Social Media Surveillance for the General Public's Viewpoint of Delta-8 THC - 360 Hours

06/2021 to 07/2023

- Conducted research under mentorship of Dr. Ramakanth Kavuluru at the University of Kentucky
- Used Natural Language Processing (MATLAB, Python) and data analytics with webscraping to analyze public sentiment of Delta-8 THC for biomedical informatics

Study Bubbly, Board Member/Treasurer/Tutor/Audio and Video Editor

07/2020 to 02/2023

- Managed accounting of organization with over 13,000 members, negotiated deals with collaborating organizations, and purchased advertisements
- Mentored and tutored students in AP Physics 2, creating personalized notes and educational podcasts
- Edited podcasts and videos, directed and coordinated team of 5-10 editors

Extracurriculars

TEDxCMU, Innovation Team

09/2023 to Present

- Create and manage websites, communicate with local companies to showcase products at annual TEDx event

ScottyLabs, Tech Lead

09/2023 to Present

- Lead development of CMU Eats, a dining availability platform for CMU students, enhancing accessibility and convenience

Technology Student Association, Treasurer

08/2020 to 05/2023

- Managed funds and fundraising for club, raising over \$6,000 per year for conferences
- Coding - 2nd in State (2023), Debating Technological Issues - 2nd in State (2022)

Future Business Leaders of America, Treasurer

08/2020 to 05/2023

- Managed funds and fundraising for club, raising over \$1,000 per year for conferences
- Data Analysis - 1st in State, National Competitor (2022) - Analyzing U.S. housing trends using Excel and Machine Learning

Skills

Computer Skills: Java, Python (NLP), JavaScript, C, React Native, HTML, Matlab (Machine Learning), Tailwind CSS, SCSS, CSS, Next.js, React.js, Microsoft Office, Davinci Resolve (Video Editing), Audacity (Audio Editing), Github

Language: Proficient in Chinese

Certifications

Course Certificates for Natural Language Processing Specialization by Deeplearning.ai - Classification and Vector Spaces, Probabilistic Models, Sequence Models, and Attention Models