

Vienna Li

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EDUCATION

Cornell University, College of Engineering

Ithaca, New York

B.S. in Computer Science

Expected May 2028

Relevant Coursework: Intro to Computing, Linear Algebra, Differential Equations, Lasers and Photonics

Expected Spring Coursework: OOP and Data Structures, Discrete Math, Digital Logic and Computer Organization

Ridge High School, Basking Ridge, NJ

June 2024

GPA (4.5/4.0 weighted), 1520 SAT (800 M / 720 EBRW), 16 AP's: Calc AB/BC, Statistics, Physics 1, Physics C Mech & EM, Chemistry, CSA, Lang, Lit, Gov and Politics, APUSH, Mico, Macro, Spanish Lang, Chinese

RESEARCH AND PROJECTS

Data Inspired Young Analysts Program (Data Science Researcher)

June 2023 - August 2023

- Published paper titled, "Predicting Recidivism With ML: An Analysis of Risk Factors and Proposal of Preventions" in Journal of Student Research; Model achieved 80% prediction accuracy score
- Predicted recidivism rates using Decision Tree, Random Forest, and Gradient Boosted Tree algorithms and evaluated our models using risk assessment tools with UIUC and Princeton professors.

Garden Rescue App at Hydrangea Hacks (iOS App Developer)

June 2021

- Implemented a mobile app which identifies types of plants and provides the user tips for care-takings using Google Teachable Machine, XCode, Figma, and a Tensorflow Image Classification Sample.

AI Text Summarization Platform (Reboot Hackathon at Wayland High School)

April 2021

- Created a platform that helps students take effective notes by harnessing Python's speech recognition library and NLTK library to recognize and summarize text. Achieved 2nd place out of 50+ teams in the hackathon.
- Collaborated with a team of five to integrate a translation library script with flask and enhance user experience.

CAMPUS AND LEADERSHIP EXPERIENCE

Cornell Technology Consulting Club (Analyst)

August 2024- Present

- Spearheaded development of comprehensive scheduling website for local nail salon (over 100 customers on campus) enhancing operational efficiency and client accessibility with an intuitive user interface
- Provided strategic insights to businesses, applied skills in tech integration, market analysis, client engagement

International Youth Science Journal (Head of Project Management)

June 2023 - June 2024

- Youth led, peer reviewed online science journal with 38k+ views, 100+ articles, spanning over 10 countries
- Enhanced scientific literacy among young authors and reinforced critical thinking and research methodologies

Computer Science Club (Education Director)

June 2023 - June 2024

- Orchestrated weekly meetings for 80+ members (grades 9-12) focusing on programming fundamentals, software engineering principles, and web development (HTML, CSS, and Javascript)

COMMUNITY SERVICE AND WORK

theCoderSchool at Berkeley Heights, NJ (Lead Instructor)

April 2024- August 2024

- Directed and constructed an 8-week camp curriculum on LUA, scratch, and game development. Built a functioning robot with a servo motor using MakeBlock competition kit.

Somerset Senior Wellness Center at Basking Ridge, NJ (Technology Assistant)

June 2022 - June 2023

- Hosted cybersecurity Jeopardy and BINGO events to 20+ participants at the senior center
- Answered technology related questions through weekly workshops (100+ hours of volunteering service)

AWARDS AND HONORS

DIYA Data Research Program (intensive 8 weeks), National Center for Women & Information Technology NJ State Affiliate Winner, National Cyberstart America Scholar (top 7% in the nation)

SKILLS & INTERESTS

Skills: Java, Python, OOP Programming, HTML/CSS, Canva, Procreate, Microsoft Excel, Microsoft PowerPoint

Interests: Traveling, sustainability, ethical technology, piano, running, skateboarding, classical music, hiking