

Kevin Zheng

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EDUCATION

Carnegie Mellon University

B.S. in Information Systems, Additional Major in Computer Science

Pittsburgh, PA

Aug. 2023 – May 2027

- GPA: 3.83/4.0
- Relevant Coursework: Principles of Computing (Python), Fundamentals of Programming and Computer Science (Python), Concepts of Mathematics, Principles of Imperative Computation (C)*

The Shipley School

High School Diploma

Bryn Mawr, PA

Sep. 2020 – May 2023

- GPA: 5.0 weighted; SAT: 1550
- Relevant Coursework: Web Design (HTML, Javascript), Multivariable Calculus

EXPERIENCE

Principles of Computing Teaching Assistant

Anticipated: Jan. 2024 – May 2024

Carnegie Mellon University

Pittsburgh, PA

- Co-leading recitations with another TA for 20+ students, reinforcing key Python concepts covered in lecture
- Hold office hours and small groups to provide personalized guidance to students, facilitating their learning process
- Grade assignments and exams, providing constructive feedback that help students improve

Tech4Society Project Member

Sep. 2023 – Present

Carnegie Mellon University

Pittsburgh, PA

- Developing an online catalog for the Black Archive for Alma|Lewis, a nonprofit dedicated to Black art and culture
- Building proof-of-concept and searchable database with 900+ existing works using CollectionBuilder

DECA Chapter Vice President

Sep. 2022 – May 2023

The Shipley School

Bryn Mawr, PA

- Organized meetings of 50+ members, increasing participation in district, states, and international conferences
- Headed outreach with nearby chapters, fostering a sense of community in members that was previously lacking
- Competed in Hospitality and Tourism Business Operations Research, qualifying for ICDC in 2022 and 2023

STEAM Club Founder

Sep. 2021 – May 2023

The Shipley School

Bryn Mawr, PA

- Established a school club focused on hands-on engineering projects and expanded membership to 25+ students
- Instructed members on utilizing tools and machinery within the school's makerspace to execute project effectively
- Led project search and community outreach, tabling at seasonal events such as Super Saturday and Swamp Night
- Worked alongside faculty to redesign the school's Python room, enhancing its functionality

PROJECTS

Time Locker: 112 Edition | *Python*

Nov. 2023 – Dec. 2023

- Created a top-down shooter game featuring a unique time-warping mechanic, utilizing Python and CMU graphics
- Implemented irregular-polygon collision using vectors as well as random enemy generation and scaling

The Black Archive | *HTML, Python, pandas, CollectionBuilder*

Sep. 2023 – Present

- Developing a website for Alma|Lewis using the CollectionBuilder framework
- Using pandas to transfer pre-existing data of over 900 works onto the website

TECHNICAL SKILLS

Languages/Libraries/Frameworks: Python, JavaScript, HTML/CSS, LaTeX, CollectionBuilder, pandas

Skills: Git, VS Code, Excel, Adobe Illustrator, English (native), Chinese (native), French (intermediate)

HONORS

University of Pennsylvania AofA Book Award

The Senior Scholarship Prize

The STEAM Award

National Merit Semifinalist

PA DECA State Finalist (4th place)