Zoe Kulphongpatana

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Education

The University of Kansas, Lawrence, KS · *Expected graduation May 2024*
Honors BS in Computer Science, Minor in Visual Arts
- **Overall GPA:** 3.96
- **Honors:** SELF Engineering and Leadership Fellowship, HackMIT 2022 Competitor, Chancellor's Club Scholar

Affiliations: Society of Asian Scientists and Engineers (SASE), Association for Computing Machinery (ACM), Student Alumni & Endowment Board (SAEB), Women in Computing (WIC), Asian-American Student Union (AASU)

Work Experience

Garmin · *May 2022 - August 2022*
Software Engineering Intern, Olathe, Kansas
- Developed iOS and Android mobile software skills while using Swift and Kotlin during a 12-week internship
- Implemented new data-sharing features in the Garmin Connect Jr. and Garmin Connect Mobile applications
- Utilized Git and Jenkins to effectively organize code and collaborate with 15+ stakeholders

Brand New Box · *May 2021 - December 2021*
Software Engineering Intern, Lawrence, Kansas
- Created and maintained production web applications for 10+ different clients using Ruby on Rails and Docker
- Utilized Github to effectively organize code and collaborate with 10 team members

The University of Kansas School of Engineering · *January 2022 - present*
Undergraduate Teaching Fellow and Grader, Lawrence, Kansas
- Instruct students in Introduction to Digital Logic Design classes
- Provide feedback on Python labs and exams in Programming I and Programming II classes

Spoken Language Laboratory · *February 2021 - August 2021*
Research Assistant, Lawrence, Kansas
- Optimized psycholinguistics research procedures using Python and R
- Developed a program that automated 100+ hours of data network simulations, allowing 4 months of work to be completed in 2 weeks
- Documented procedures and trained 2 team members to run programs autonomously

Leadership

Society of Asian Scientists and Engineers · *May 2021 - present*
Internal Vice President, Lawrence, Kansas
- Advocate for diversity and inclusion at the University of Kansas through recruitment events
- Collaborate with an executive board of 10 leaders to develop unique meeting ideas and delegate tasks
Project Lead, Lawrence, Kansas
- Coordinated projects, including competitions, workshops, and outreach events, with 50+ chapter members
- Founded the University of Kansas' first affiliated high school SASE Jr. chapter

Association for Computing Machinery · *August 2020 - present*
Director of HackKU, Lawrence, Kansas
- Manage the organization of the largest hackathon in the state of Kansas with 200+ participants annually
- Delegate tasks to 12 team members following a strictly outlined schedule
- Foster relations with sponsors, academic mentors and faculty, vendors, and various student organizations
HackKU Health Tech Track 1st Place Winner (2021), Lawrence, Kansas
- Collaborated with a team to develop and create an educational First Aid game in 36 hours
- Designed the user interface of the game and website with graphic design software and Figma
- Learned new languages including C# and Unity to implement a quiz feature in the game

Technical Skills

C++, Python, Figma, Swift, Ruby on Rails, Javascript, Docker, Kotlin, C, HTML/CSS, Git, Agile Methodologies