Katie Li

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EDUCATION

University of Illinois Urbana-Champaign   **Expected Graduation: May 2028**
Bachelor of Science in Computer Science   GPA: 4.00/4.00
- 2024-2025 Rothmuller Award, merit based.
- Relevant Coursework: Data Structures, Computer Architecture, Prob & Stats for Computer Science

Monta Vista High School, Cupertino, CA   **August 2020 - June 2024**
- 2024 National Merit Finalist   GPA*:* 4.00/4.00

TECHNICAL SKILLS

- Programming Languages: C++, Python/PyTorch, Java, HTML/CSS, Javascript, Dart
- Certifications: Machine Learning Specialization (Coursera)
- Languages: English (Native), Chinese (Proficient)

PROJECTS

Fitness App   **Sept 2024 - Present**
- Developing a fitness app using Flutter that generates personalized workout & meal plans for Illinois students
- Utilizing AI to detect user's exercise form and predict trends in exercise volume
- Designing weekly workout display page using Figma, optimizing the app's layout and user experience
- Collaborating with a team of students in the Project: Code club at University of Illinois

3D Unity Video Game   **July 2023 – Aug 2023**
- Developed a 3D psychological horror themed escape room for UC Santa Cruz's COSMOS summer program
- Utilized Unity, C#, 3D graphics and post-processing effects for enhanced visual appeal

EXPERIENCE

TheCoderSchool   **April 2023 – June 2024**
Code Coach
- Led 50+ weekly in-person Python lessons to 10+ elementary and middle school students
- Guided students through game development projects, earning the President's Volunteer Service Award

Robotics For All   **Jan 2021 – July 2021**
Software Developer Intern
- Collaborated with a team of interns to program Robotics For All's main website using JavaScript, CSS/HTML
- Engaged with 100+ public schools nationwide as part of the outreach team

EXTRACURRICULARS & LEADERSHIP

SigPwny, University of Illinois   **Sept 2024 - Present**
CTF Competitor | Club Member
- Gaining expertise in web hacking and cybersecurity topics, including Pwn, XSS, and SQL
- Ranked 4th out of approximately 100 teams in the annual Fall CTF hacking competition at University of Illinois

USA Computing Olympiad   **Sept 2021 - June 2024**
USACO Gold Tier Competitor | Director of USACO Club at Monta Vista High School
- Gave weekly powerpoint presentations to club members regarding algorithms such as DFS, two-pointers, trees
- Programmed in C++ for competitive programming USACO contests, achieved Gold tier status