

# Harry Kim

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## EDUCATION

### Cypress High School

August 2020 - May 2024

- 11th grade AP student focused on Computer Science and Mathematics **GPA: 3.8 (UW), 4.4 (W)**
- Relevant Coursework: Discrete Mathematics, Graph Theory and Linear Algebra (CC) | AP Computer Science, AP Computer Science Principles, Precalculus Honors, Engineering Design, AP Physics C (HS)

## SKILLS

**Languages and Tools:** Python, Java, Java Swing, HTML/CSS/Javascript, Git, Paint.net

**Object-oriented programming, GUI Development, Visual Studio Code, Graphical Design**

## PROFESSIONAL EXPERIENCE

### Anaheim Innovative Mentoring Experience | Web Development Intern

November 2022 - Present

- Designed graphics, wireframes, and layouts to be implemented on a high school's website using Canva
- Resolved reported issues by collaborating with a partner to find and push proper staff images to production
- Communicated with staff & principal from my designated school and relayed consistent progress to mentors

## PROJECTS + EXTRACURRICULAR

### Personal Portfolio Website | Web Developer

- Developed my personal website from scratch using HTML, Bootstrap, Javascript, and Materialize CSS
- Showcased graphics created as a hobby using Adobe Photoshop alternatives on Materialize card components
- Constructed the site in a responsive manner, allowing it to be viewed properly on both desktop and mobile

### Vending Machine Program | Java, Java Swing

- Developed a vending machine with buying and restocking functionality using object-oriented programming
- Integrated code into a GUI using Java Swing, properly displaying balance, text, and items within the machine

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### Engineering United Club | President and Founder

August 2022 - Present

- Founded my own club at Cypress to fulfill the need for a centralized career-developing resource for students
- Created website, [www.engineeringunited.org](http://www.engineeringunited.org) to display basic information and automate member registration
- Organized career events bringing in real-world software engineers from fields such as autonomous vehicles
- Detailed a project focusing on road traffic optimization requiring software, civil, and electrical engineering

### Math Club | Peer Tutor

August 2022 - Present

- Tutored peers & underclassmen at Cypress High in math for **3 hours/week** after school, reviewing homework
- Supported **4** recurring peers with Precalculus and improved their grades by **over 5%** within one semester

### FBLA | Member and State Competitor

October 2020 - Present

- Attended weekly meetings to develop personal interests in the business and entrepreneurial field
- Placed **2nd in sectionals** across SoCal for Computer Applications and **9th** in Computer Problem Solving
- Received invitation to attend California state conference, **the only 11th-grade Cypress student** to do so