

# ISABELLE YE

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## EDUCATION

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### UNIVERSITY OF CALIFORNIA DAVIS (UCD)

Bachelor of Science

Major in Computer Science and Engineering

Relevant Coursework: Programming & Problem Solving; Discrete Mathematics for Computer Science; Software Development & Object-Oriented Programming in C++; Circuits I

Davis, CA

Sep 2024 – Present

### SHANGHAI HIGH SCHOOL INTERNATIONAL DIVISION

Relevant Coursework: AP Computer Science A 5; AP Calculus BC 5; AP Physics 1, 2, C

Shanghai, CN

Sep 2020 – Jun 2024

## PROJECTS

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### PROFOLIO WEBSITE

Oct 2024

<https://justmyportfolio1334.netlify.app>

- Self created website using HTML
- Created a profile website in order to track my course schedule and plan for future three years (plan to graduate as a third-year); future planned courses shown: Software Engineering; Operating Systems; Algorithms; Artificial Intelligence, Data Analysis, etc.
- Resume downloading provided; self-photo provided

### AKAM INTERNET FORUM: ONLINE PLATFORM FOR ANIME ENTHUSIASTS

Mar 2023 – Present

Data Analyst Intern Co-founder & Designer & Operations Member

<https://akamforever.com/>

- Reached hobbyists via social media; co-created discussion & fanfiction platform; created monthly engagement topics
- Extended online platform to offline discussion exhibition; helped holding an activity for selling products and communicating; 300+ people attended; non-profitable

## RESEARCH

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### SENTIMENT ANALYSIS OF FEMALE CHARACTERS IN ANIME BASED ON NATURAL LANGUAGE PROCESSING

Aug 2023

- Analyzed audience sentiments using NLP; studied anime's portrayal of female characters; found stereotypes impacting youth perception of women

## ACTIVITIES & VOLUNTEERING

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### AI SEMINAR LED BY SHANGHAI JIAOTONG UNIVERSITY PH.D STUDENTS

Sep 2021– Jun 2022

Deep AI Learning Selected Student Participant

- Altered CNN algorithm to realize facial detection features

### BAKENEKO STUDIOS - GAME DEVELOPMENT CLUB

Sep 2022 – Jun 2024

High School Game-dev Club Member

- Co-produced game demo using unity; designed characters

### ASSOCIATED STUDENT BODY IT DEPARTMENT

Sep 2022 – Jun 2024

High school ASB member in IT department

- did tech-related work; info collecting and editing; product design

### CS TUTORING

Jun 2024 – Sep 2024

- Tutored three high school students about entry-level python school course & AP Computer Science A java after graduation of senior year

## ADDITIONAL

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**Technical Skills:** Python, Java, C, C++, HTML/CSS

**Languages:** Native in English and Mandarin; Entry level of Japanese

**Awards:** USACO Silver