

UDAYA KC

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GitHub: <https://github.com/Ukc3994>

Sunnyvale, CA

Professional Summary:

Enthusiastic web developer eager to contribute to team success through hard work, attention to detail, and excellent organizational skills. Motivated to learn, grow, and excel in web development.

Education:

- ❖ Associate of Computer Science | San Jose City College (2022-2026) | Anticipated GPA:4.0
- ❖ Science faculty | Pinnacle Academy high school (2018-2020) | CGPA:3.69

Experience:

Core member and volunteer, (GDSC) Google Developer Students Club (From August 2022)

- ❖ Volunteered the GDSC team during weekly GDSC events at the University of Louisiana at Monroe.
- ❖ Gave a presentation and provided source code for my 2D game, React project and E-commerce website projects to the GDSC members.

Junior web developer, Pinnacle Academy (March 2019-April 2020)

- ❖ Collaborated with the Pinnacle web developer team to create the high school website.
- ❖ Improved website security and removed vulnerabilities by debugging and enhancing existing code with 96% accuracy.
- ❖ Participated in requirement analysis and collaborated with senior web developers to produce software design and architecture.

Tutor, Patan Programming club (June 2021-May 2022)

- ❖ Taught 100+ students to create responsive web pages.
- ❖ Collaborated with other programming clubs and professionals to conduct weekly programming events.

Projects:

- ❖ **Portfolio:** Created a personal portfolio website using HTML, CSS, and JavaScript.
Link: <https://ukc3994.github.io/UKC-Portfolio.github.io/>
- ❖ **Weather application:** Created a weather application using React.js and weather API
Link: <https://ukc3994.github.io/Weather-application-react.github.io/>
- ❖ **Ecommerce site:** Created the frontend of an E-commerce website using HTML, CSS and JavaScript
Link: <https://ukc3994.github.io/KCstore-Ecommerce-website/>
- ❖ **Game:** Created a 2D Ludo game using JavaScript.
Link: <https://ukc3994.github.io/LudoGame.github.io/>

Skills:

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|--------------|---------------|----------|
| - JavaScript | - React.JS | -Java |
| -Python | -CSS and HTML | - GitHub |

Additional Skills and awards:

- ❖ Chosen in the Emerging Scholar research program for fall 2022 at The University of Louisiana at Monroe.
- ❖ Rewarded as HISSAN Outstanding Student award for securing top 1% position in the HSEB examination.

Dear Stanford Nano Facilities Team,

I am excited to apply for the internship program at Stanford Nano Facilities as I am deeply interested in the intersection of computer science and nanotechnology. It is an excellent opportunity for me to receive practical experience and information that I could not otherwise obtain to work in a world-class facility with cutting-edge technology and a team of subject matter experts.

My interest in nanotechnology as a computer science student stems from its potential to revolutionize how we handle issues in a variety of industries, including healthcare, energy, and technology. In the developing field of nanocomputing, I am confident that the information and experience I would acquire via this internship program would be extremely beneficial to my future professional goals.

Another reason I'm drawn to this program is the possibility to work with other interns and researchers from different backgrounds in a vibrant and inventive atmosphere. I'm excited to pick up knowledge from my colleagues and add to the group's overall efforts to push the boundaries of nanotechnology.

I appreciate you taking a look at my application to the Stanford Nano Facilities internship program. I am eager to get started learning from you and contributing to your facility's research, and I hope to hear from you soon.

Sincerely,
Udaya KC