

# RAFID BHUIYAN

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## OBJECTIVE

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Dedicated Computer Science student seeking to leverage my foundational knowledge in software development as a Software Engineer Intern. Passionate about cultivating innovation and optimizing work processes. Eager to collaborate with a team and immerse myself in the professional and educational opportunities presented.

## EDUCATION

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**Bachelor of Computer Science**, University of California, Riverside Expected 2025  
Relevant Coursework: Data Structures and Algorithms, Software Construction, C++ programming, Logic Design, Theory of Automata, Embedded Systems, Web Development, Machine Learning

## SKILLS

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<b>Technical Skills</b>	Microsoft Office, Git/Github, Figma
<b>Soft Skills</b>	Problem Solving, Critical Thinking, Communication, Willingness to Learn
<b>Languages</b>	C++, Java, Python, Kotlin, HTML, CSS, Javascript
<b>Tools</b>	ReactJS, NextJS, ExpressJS, TailwindCSS, Firebase, GoogleTest, Valgrind

## EXPERIENCE

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**Software Development Committee Member** July 2023 - December 2023  
[RoseHack](#) *Riverside, CA*

- Collaborated in a committee to design, develop, and launch the official website for RoseHack using Next.JS, Firebase, and TailwindCSS
- Conducted rigorous testing phases ensuring a fault-free and optimal user experience using Cypress
- Worked on integrating backend functionalities, such as participant registration, team formation, and real-time schedule updates, ensuring seamless user experiences.

[Engineers Without Borders](#) September 2023 - December 2023  
*Riverside, CA*

[Indian Student Association](#) January 2024 - Present  
*Riverside, CA*

## PROJECTS

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### [Automated Plant Care System](#)

- Designed and implemented an automated plant care system using Arduino and C to monitor and adjust environmental variables such as soil moisture, light exposure, and temperature, enhancing plant growth efficiency.
- Conducted rigorous testing to ensure the system's operational reliability under various environmental conditions, resulting in a robust solution with over 30 hours of uninterrupted operation.

### [RoseBot:AI Hackathon Idea Generator](#)

- Developed a website using ReactJS that generates hackathon ideas at the click of a button.
- Utilizes GPT-3 as an autoregressive language model to produce human-like text/ideas after feeding the model pre-set ideas through a JSON file.

### [PIG Game Discord Bot](#)

- Successfully developed and launched a PIG counting game bot for Discord, facilitating interactive gameplay for server members.
- Utilized Discord.js library to facilitate bot functionalities, game commands, and user interactions.