

# Rohan Kumar

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## Education

*Bachelor of Science in Computer Science Expected in May 2025*

CSUEB at Hayward, CA

- Dean's List (All Semester)
  - 3.9 GPA
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## Skills

Programming languages: Python, C++, C, Java, JavaScript, Kotlin, MIPS Assembly

Web Development: HTML, CSS, React.js

Version control: Git, Github

Code Editors/IDEs: VSC, Eclipse, Jet Brains, Android Studio

Database Management: MySQL, SQLite

Comfortable with macOS, Linux and Windows

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## Software Development Projects

- Developed a custom interactive chess frontend using React, JavaScript, and CSS; integrated Stockfish.js as an AI opponent and deployed the application via Netlify.
  - Developed a piano quiz app in Java with Android Studio to help musicians practice pitch recognition; a virtual keyboard and configurable settings.
  - Developed a 2D shooting game in Kotlin using Android Studio.
  - Collaborated with a team of four to develop a client-server banking application in Java using TCP/IP networking.
  - Developed an argumentative AI chat application using JavaScript, HTML, and CSS, integrating with an API, as part of a four-person team for a hackathon.
  - Implemented a highly efficient dictionary with constant time lookup using a custom data structure for optimized retrieval operations
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## Professional Experience

Undergraduate Learning Assistant

CSUEB, Hayward, CA

January 2023 - Current

- Provided one-on-one guidance to students on computer science projects, with a focus on debugging and optimization.
- Assisted students in developing coding skills and offered support in problem-solving.
- Facilitated the understanding of complex concepts, leading to improved student performance and project outcomes