Rithwik Garapati

206-580-8328 | garapatr@uci.edu | www.linkedin.com/in/rithwik-garapati/ | github.com/rithwikgarapati

EDUCATION

University of California, Irvine - Donald Bren School of Information and Computer Science

Bachelor of Science in Computer Science GPA: 3.909 (Dean's Honors List - Fall 2022 - present)   *Sept. 2022 - June 2026*

- **Relevant Courses:** Intermediate Python Programming, Python Programming and Libraries, Introduction to C++, Introductory Computer Organization, Data Structures and Algorithms, Linear Algebra, Boolean Logic and Discrete Structures, Discrete Mathematics, Statistics.

TECHNICAL SKILLS

Languages / Softwares: Python, C++, Java, HTML, CSS, JavaScript, React, NodeJS, R, Git
IDE's: PyCharm, VS Code, Vim, Eclipse
Certifications: Fundamental Software Development and Web Development Fellowship by ICS student council at UC Irvine.

EXPERIENCE

Lab Tutor   Jan 2023 - May 2023
UC Irvine   *Irvine, CA*
- Tutored Introduction to Computer Science in Python
- Carefully assisted students with any concerns with their assignments using techniques including hand simulating code and socratic questioning
- Helped in debugging code and providing resources to make students independent learners

Developer Intern   June 2021 - Aug 2021
Code Day Labs   *Remote*
- Collaborated in a team of three to build a visual novel
- Developed utilizing Ren'py language on Atom IDE and employed Git for version control and collaboration

Math Instructor II   June 2023 - Sep 2023
Mathnasium   *Sammamish, WA*
- Professionally tutored students in math concepts ranging from Pre-algebra to Calculus
- Worked with 4 students simultaneously and logged every individual's session activity

PROJECTS

Exercise Tracker | *HTML, CSS, JavaScript, Firebase, Figma*   August 2023
- Developed a web application that helps document my exercise routines, monitor progress, and optimize my workouts
- Designed frontend using Figma, later transformed into code using HTML and CSS on VS Code
- Used JavaScript to add functionality and Firebase to store data in the cloud and retrieve it
- Deployed it to the web using Netlify and saved it as an app on my phone

UCI Eats | *Python, HTML, CSS, JavaScript, Flask*   January 2023
- Developed a web application that lets users rate and comment on the dining hall food at UC Irvine.
- Designed backend using Python, frontend using HTML, CSS, and JavaScript, and connected both through Flask. This was done as part of Hack at UCI 2023

Tetris Game | *Python, pygame*   December 2022
- Developed a console based simulation of Tetris game using Python with limited functionality
- Added the user interface using pygame, a 3rd party library