

Rohit Chandran

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Education

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

Degree:

Master of Science in Computer Science

September 2023 – December 2024

Specializations: Machine Learning, Deep Learning, Data Mining

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

Degree:

Bachelor of Science in Computer Science

September 2019 – June 2023

Relevant Coursework:

Advanced Data Structures and Algorithms, Artificial Intelligence, Design & Architecture of Computer Systems

Experience

VERACITY LABS

San Francisco, CA

Software Engineer Intern

October 2023 – August 2024

- Pioneered the development of a Bluetooth Low Energy (BLE) gateway and user interface
- Collaborated with highly-experienced, cross-functional team members to ensure seamless integration of the BLE gateway with existing systems and protocols
- Participated in regular team meetings and project reviews, offering insights and suggestions to improve project efficiency and effectiveness

CODING MINDS ACADEMY

Irvine, CA

Coding Instructor

August 2022 – Current

- Leads 6-8 individualized classes teaching various programming classes, such as Python, C++, and Java
- Received a score of 4.5/5 in most recent performance assessment and was promoted to advanced courses
- Maintain a 100% retention rate, with all students returning for a second course

AMGINE INK, LLC

Burbank, CA

Software Engineer Intern

June 2022 – January 2023

- Contributed to a web and phone application development team, enhancing an interactive website and app using JavaScript and Swift
- Improved the software design of phone application U4Ea's recommendation algorithm, reducing processing time by 30%
- Led onboarding meetings for new interns, facilitating their integration into the team

Technical Skills

- | | | | |
|-----------|---------------------|------------------------|---------------------|
| • Python | • Git/Github | • React Native | • JavaScript |
| • PyTorch | • Linux/Unix System | • Bluetooth Low Energy | • Agile development |
| • C/C++ | • AWS Amplify | • GraphQL | • Microsoft Office |

Additional Projects

MEDICAL MALPRACTICE CLAIM PREDICTION

August 2023 – December 2023

- Implemented five regression models, including manual implementations and library-based approaches, to predict medical malpractice claim amounts
- Conducted rigorous comparative analysis using statistical metrics such as MSE, RMSE, and p-Value to improve predictive accuracy
- <https://github.com/rchandran7/MedicalMalpracticeRegression>

POCKET PLANNER

September 2022 – June 2023

- Created a mobile scheduling application containing unique features geared towards college students using React Native and AWS Amplify
- Allows for real-time updates to streamline communication between professors and their students
- <https://github.com/rchandran7/Pocket-Planner>