

## Rohit Chandran

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### Education

#### UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

Degree:

Master of Science in Computer Science

September 2023 – Current

#### UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

Degree:

Bachelor of Science in Computer Science

June 2023

Relevant Coursework:

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

### Experience

#### p-CHIP RESEARCH PROJECT

Riverside, CA

##### Graduate Student Researcher

August 2023 – Current

- Conduct research in the field of computer science/engineering and bioengineering to explore the usage of synthetic DNA for archival digital data storage
- Responsible for rewriting LabVIEW code to overcome a CPU performance bottleneck
- Collaborate with PhD students and professors to improve system

#### 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 first and most recent performance assessment
- Maintain a 100% retention rate, with all students returning for a second course

#### AMGINE INK, LLC

Burbank, CA

##### Programming Intern

June 2022 – January 2023

- Member of a web and app development team that improved upon an interactive website and app using JavaScript and Swift
- Modified software design of U4Ea's recommendation algorithm to decrease processing time by 30%
- Led onboarding meetings for new interns

### Technical Skills

- |                |                     |           |                     |
|----------------|---------------------|-----------|---------------------|
| • Python       | • Git/Github        | • Expo    | • JavaScript        |
| • React Native | • Linux/Unix System | • LabVIEW | • Agile development |
| • C/C++        | • AWS Amplify       | • GraphQL | • Microsoft Office  |

### Additional Projects

#### POCKET PLANNER

September 2022 – June 2023

- Created a mobile scheduling application geared towards college students using React Native and AWS Amplify
- Contains unique features for added convenience towards professors and students
- <https://github.com/rchandran7/Pocket-Planner>

#### VIDEO GAME DATABASE

2021

- Designed and created a database to store and search for video games using common design patterns and C++
- Stored data in JSON objects and allowed user to query or search database
- <https://github.com/rchandran7/VideoGameDatabase>