



# ROHAN CHAKRABORTY

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## Education

**University of Louisiana Monroe**

*Bachelor of Science in Computer Science*

**Aug 2021 – May 2025**

*Monroe, LA*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Java programming
- Applied Linear Algebra
- OOPS Concepts
- Advanced Discrete
- CINS 3040
- Calculus-I

## Technical Skills

**Languages:** Python, Java, HTML/CSS, JavaScript, SQLite

**Technologies/Frameworks:** Linux, GitHub, Tkinter, BeautifulSoup, Selenium, Turtle, Pygame, Illustrator, Photoshop

## Projects

**Coin Portfolio App** | *Python, Tkinter, Sqlite*

 [github](#)

- Developed a GUI-based Cryptocurrency portfolio app using the coinmarketcap API.
- Implemented the feature of adding, updating, deleting the cryptocurrency in the portfolio and keeping real-time track of market from API data.
- Connected with the local database using Sqlite3 so that it can store all the data from portfolio into the database and amend as needed.
- Provided better user experience with the GUI interface using Tkinter module in python.

**Weather App** | *HTML, CSS, Javascript*

 [github](#) |  [web](#)

- Designed a web-based weather app using html,css and javascript.
- Incorporated openweather API to get the current weather of all the cities around the world..
- Customized the user interface according to the weather-type of the city displaying a picture of haze, cloudy, clear, etc as per the weather information and hosted it on github.

**Simple GUI Calculator** | *Python, Tkinter*

 [github](#)

- Created a simple GUI calculator using python and Tkinter module.
- Performs basic operation with better user experience.
- Implemented GUI development concepts using Tkinter.

## Experience

**Mathematics Initiatives in Nepal(MIN)**

**Jan 2021 – Apr 2021**

*Graphic Designer/IT Support*

*Kathmandu, Nepal*

- Conducted 'Road to Math Olympiad' Episodes on Youtube successfully with our MIN team leading an audience of over thousands from all over Nepal.
- Actively worked with the team of designers to advertise celebrative math days like International Woman Mathematics Day, Sonia Kovalsky Day to empower female mathematicians of Nepal on our social media handle using Canva.
- Designed posters and banners for different mathematical events to create participation of enthusiastic and talented youths of Nepal using Adobe Illustrator.
- Collaborated with different professors and math professionals to organize events on different topics of Math Olympiad connecting hundreds of students across Nepal with our social media event banners.

## Extracurricular and Interests

**Member of ACM(Association of Computing Machinery) and GDSC(Google Developers Club)**

*University of Louisiana Monroe*

- Actively participated in the events organized by these groups.
- Collaborated with seniors through the events and sought help for projects if needed.
- Improved my technical skills through the events and became more enthusiastic towards my career.