Rhea Roxy

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EDUCATION

The Catholic University of America, Washington, DC

Bachelor of Science, Computer Science, GPA 3.67   *August 2021 - May 2023*
- Minor - Mathematics
- Awards - Dean's List Fall 2021, Spring 2022 , Cardinal Leadership Award 2022
- Relevant Coursework: Computer Networks, Programming Languages, The Vocation of Business

Christ University, Bangalore, India

Bachelor of Technology, Computer Science, GPA 3.9   *August 2019 - May 2021*
- Relevant Coursework: Data Structures and Algorithms, Database Management System, Discrete Mathematics, Operating Systems, Probability and Statistics, Calculus I, Calculus II.

EXPERIENCE

HumanID

Product Management Intern   *May, 2022 - Present*
- Worked closely with a team software developers and product manager to implement product features
- Interacted directly with the founders to outline product's vision, roadmap, requirements.
- Implemented Scrum framework, while integrating knowledge of Figma and MySQL.

Events and Conference Services, The Catholic University of America

Coordinator and Operations Assistant   *May, 2022 - Present*
- Coordinated assignments with pro staff and a group of over 20+ students
- Corresponded with external conference groups regarding summer operations, and conference/intern housing.
- Responsible for training students on information and standards for linen operations during the summer, point of contact for issues and questions.
- In charge of maintaining decorum in the buildings within campus.

Mathematics Department, The Catholic University of America

Research Assistant   *January, 2022 - Present*
- Part of NSF E-SHARP (Enhancing student help-seeking behavior and reinforcing problem solving skills) team.
- Created and maintained the Math Online Precalc website, and forms for students to fill out as part of the scholarship.
- Helped in tabling, and interacted with incoming freshmen and parents.
- Proficient with software such as Qualtrix to prepare surveys and Microsoft Excel to keep track of data.

Computer Science Department, The Catholic University of America

Research Assistant at Bio-inspired Molecular and Advanced Computing Laboratory   *November, 2021- Present*
- Researching on DNA and RNA molecules and coding solutions to improve efficiency.
- Finding required protein sequence among the rest of the DNA sequences.
- Working on publishing a paper.

The Sparks Foundation, Singapore

Web Development and Design Intern, Graduate Rotational Internship Program (GRIP)   *May - June, 2021*
- Took part in the training was assigned in creating a website with an integrated payment gateway using Razorpay, picked from a total of 5 projects assigned for Mobile and Web Development Interns.
- Applied knowledge of HTML, CSS to create a responsive webpage 5 days ahead of schedule
- Promoted the program on social media, allowing 5+ students to enroll.

PROJECTS

Banking System, Database Management Systems
- Created a banking system application which performs banking transactions and accounts in a proficient manner.
- Used MySQL to create databases, tables and enter user details.
- Performed multiple operations on the databases, to demonstrate normal functioning of a banking system

Currency Converter, Object Oriented Programming with Java
- Reads the users desired input and converts the data accordingly using algorithm coded in Java
- Provides the currency name along with the converted value. User friendly software with jButtons with 'Reset' and 'Exit' commands.

Twitter Bot
- Created a Twitter Bot using Twitter API and Python
- Reads tweets and replies to the most recent ones, with specific hashtag mentioned