Shaishav Mahendrakumar Maisuria

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EDUCATION

The University of North Carolina at Charlotte, Charlotte, NC — December 2021
Bachelor of Science in Computer Science, Concentration Data Science, Minor Statistics and Mathematics — GPA:3.95/4.0

SKILLS

Programming:	Java, Python, C++, R, SAS, C language
Technologies:	Git, Junit Testing, Agile, Scrum, AWS, Spring Boot, Android development, Hadoop, WinScp , Linux, Apache Spark, MySQL, Photoshop, Lightroom
Web/media:	Html, CSS, XML, JavaScript, Node.js
Tools:	PyCharm, QT-designer, Eclipse, Intellij, STS, NetBeans, visual studio, sublime Text, Android studio

WORK EXPERIENCE

Office of Undergraduate Research Scholar, Charlotte, NC — August 2020-December 2020
Charlotte Research Scholar**,** Charlotte, NC — May 2020-August 2020
Intern
- Develop a software that is capable of debugging deep learning algorithms based on reinforcement learning
- Design, develop, and evaluate software modules and small functionalities in python
- Present research paper and poster for various research conferences

Object Oriented Programming, Charlotte, NC — July 2019-June 2020
Teaching Assistant
- Graded Lecture test, coding assignments and help students in the lab to see how to debug the code
- Taught students the concepts of Object Oriented Programming during office hours

Logic and Algorithm, Charlotte, NC — September 2019-December 2019
Teaching Assistant
- Organized office hours to help the student to revise and solve the course doubts
- Taught concepts of Advanced counting, Induction and Recursion, computational analysis, Logic and proofs

Data Structures and Algorithm, Charlotte, NC — May 2019-June 2019
Teaching Assistant
- Taught concepts of linked list, stack, queue, linear search, binary search, hash table, tree traversals, and shorting algorithms in JAVA
- Provided a functionality check for the student code and graded their work based on efficiency and guided criteria

University Center for Academic Excellence, Charlotte, NC — January 2019-Present
Peer Assisted Learning Leader
- Facilitate review sessions outside the classroom for 4 hours per week
- Assist Calculus II students in developing study strategies and active learning patterns

PERSONAL PROJECTS

Face Detection, Charlotte, NC — August 2019-Present
- Establish face recognition feature for the user by working closely with python library name OpenCV
- Track the number of people in live video and store images of people inside a database

CovidDaracy, Charlotte, NC — June 2019-July 2019
- Analyzed the number of cases of Covid-19 between world and united states
- Implemented different features based on the various datasets obtained from the GitHub repositories
- Built web application based in python library name plotly, dash, pandas, pathlib

AstarPathFinding, Charlotte, NC — March 2020-April 2020
- Implemented A* algorithm course ITSC 3153 to determine maze path using Manhattan distance for heuristic

HONORS & AWARDS

CRLA International Mentor Training Program certification of Mentor LEVEL I, Charlotte, NC
- Attended 25+ hours of training meetings
- Taught Calculus for 60+ contact hours with students