

Monsoon Mallick

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CAREER SUMMARY

A final year computer science graduate, adept at programming languages like Java and Python, skilled collaborating and accomplishing objectives through leadership, team-management, exhibiting strong problem-solving abilities, command over communication and presentation skills, and driven to excel as a proficient programmer in the near future.

EXPERIENCE

Smart Wireless Applications & Networking (SWAN) Lab

Kharagpur, India

Under the guidance of Prof. Sudip Misra

July 2023 – Aug 2023

- Engineered a dynamic website using Python, Django, front-end technologies and Bootstrap to streamline administrator tasks, manage facilities and spotlight department achievements.
- Enhanced user experience by 40% and increased administration management by 60%.
- Interactive interface, with user authentication and authorization using Django's built-in authentication system.
- Optimized performance, efficient data management and responsive design are some of the key achievements.

EDUCATION

Siksha 'O' Anusandhan University (ITER)

Bhubaneswar, India

Bachelor of Technology in Computer Science Engineering (CGPA 9.39 at the end of 6th Semester) *2021 – Present*

D.A.V Public School, Chandrasekharpur

Bhubaneswar, India

All India Senior School Certificate Examination (Secured 90.8%) *2020*

St. Joseph's High School

Bhubaneswar, India

Council for the Indian School Certificate Examinations (Secured 93.16%) *2018*

RELEVANT COURSEWORK

- Data Structure and Algorithms
- Object Oriented Programming
- Design of Operating Systems
- Pattern Recognition
- Database Management System (DBMS)
- Algorithm Design and Analysis
- Computer Networking
- Web Development

PROJECTS

Design of 2-bit subtractor using NAND gates (IC 7400) only

Bhubaneswar, India

Under the guidance of Asst. Prof. Lalit Mohan Satapathy

Jan 2023 – Feb 2023

- A 3D digital logic model of a 2-bit subtractor that can execute necessary binary subtraction and show the difference and borrow bits in every possible combination.

Design of a peer-to-peer network of three machines using UDP / Java

Bhubaneswar, India

Under the guidance of Asst. Prof. Satyaprakash Narayan Das

Jan 2024

- Establishment of a peer-to-peer network with Host1, Host2 and Daytime-Server. Host1 connects to Daytime-Server for date and time, and Host2 fetches data from Host1
- Showcasing incorporation of networking and client-server communication concepts.

TECHNICAL SKILLS

Languages : Java, C, Python, HTML, CSS, JavaScript, MySQL, Shell Script, Verilog

PHP Developer Tools & Technologies/Frameworks : VS Code, Eclipse, Linux, Django, Bootstrap, JQuery

Databases : MySQL, Oracle Database

EXTRACURRICULAR ACTIVITIES

Japan Shotokai Karate – India and Bino Ryu Karate

Black Belt Shodan / First Dan

Fulfilled the requirements of grading test and was awarded with the First Dan by the Founder President and Chief Technical Director, S. Srinivasan, Okinawa Martial Arts Academy.