UTKARSH RANJAN, RA1911033010107

Course: **B.Tech**, CSE, 2023
Email : ur5351@srmist.edu.in
Mobile : 8303692147

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	Little Flower School, Dharampur	ICSE	90.6 %	2017
CLASS XII in SCIENCE	Reliance Academy	CBSE	64 %	2019
B.Tech in with specialization in Software Engineering	SRM Institute of Science and Technology - Kattankulathur Campus		9.02 CGPA	2023

Subjects / Electives	
Technical Proficiency	Adobe Illustrator, C++ Language, PHP, Adobe Photoshop, Python, Web Development, Computer Vision, C Programming

SUMMER INTERNSHIP / WORK EXPERIENCE

Summer Research Intern, Mitacs Globalink Research Internship At Athabasca University — Jul 2022 - Present

Winter Intern, HighRadius — Jan 2022 - Apr 2022
Highway to Highradius Internship Program.
Built and deployed an AI Enabled Fintech B2B Cloud Application

Full Stack Web Developer, ShapeAI — Oct 2021 - Present

National Business Development Member, Youth India Foundation — May 2021 - Jul 2021

PROJECTS

OMEGA+ - Web Development — Jul 2022 - Present
Currently Working as a Mitacs Globalink Research Intern at Athabasca University, Under Dr. Sabine Graf & Dr. Maiga Chang.
The aim of this research is to evaluate & improve player's metacognitive skills. The game comprises of several subgames that each focus on developing one of four metacognitive skills -
1. Problem solving
2. Associative reasoning
3. Planning and organization
4. Evaluating accuracy

Band.Emic - Web Development — Oct 2021 - Present
Social Media Site for Musicians

Retro Gaming Website - Web Development — Sep 2021 - Oct 2021
Retro Gaming Website which includes games from the 90s era.

Ai Virtual Mouse - Computer Vision, Python Develpment — Aug 2021 - Sep 2021
Virtual Mouse using Hand Gestures.

Brightness Control - Computer Vision — May 2021 - Jun 2021
System Brightness Control using hand gestures.

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Building Web Applications in PHP	University of Michigan	

CERTIFICATIONS

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Fundamentals of Red Hat Enterprise Linux	Coursera - Red Hat	○ Accessed the command line. ○ Managed files from the command line. ○ Managed local Linux users and groups. ○ Monitored and manage Linux processes.
Foundations of User Experience (UX) Design	Coursera - Google	○ Identified common job responsibilities of entry-level UX designers and other teams you might work with. ○ Understood foundational concepts in UX design, such as user-centered design, the design process, accessibility, and equity-focused design. ○ Understood why design sprints are an important and useful part of a UX designer's work.

POSITION OF RESPONSIBILITY

Director of Media & Design Domain - Rotaract Club of SRM Katthankulathur	Jul 2022 - Present
Domain Lead for Media & Editorial Domain - Rotaract Club of SRM KTR	Jun 2021 - Jun 2022
Event Co-ordinator - Aaruush Technical Fest, SRM	Jul 2020 - May 2021
Committee Member of the Discipline Committee - Directorate of Student Affairs, SRM	Jun 2020 - Aug 2021

COMPETITIONS

National Engineering Olympiad	Dec, 2021
Cleared First Round out of two rounds in the NAtional Engineering Olympiad	
Nasa Space Apps Challenge	Oct, 2021
Participant	
Hack with Us	Oct, 2021
Participant	
Kaizen Robotics Challenge	Sep, 2019
Stood 2nd in Kaizen Robotics Challenge, organised by Lema Labs, IIT-Madras.	

CONFERENCES AND WORKSHOPS

Athabasca TRESL Research Lab Symposium 2022
Organized by: **Athabasca University, AB** | Date: **Jul 2022**
Annual research event to bring together researchers and students to present and discuss their research in the emerging fields of Cyber-Physical Systems, Blockchain, Machine Learning, and Artificial Intelligence and their impact on society, also to gain their academic experience.

Nvidia GTC 2021
Organized by: **Nvidia** | Date: **Nov 2021**

India EdTech Summit
Organized by: **Google Cloud** | Date: **Nov 2021**

○ Welcome keynote with Welcome keynote with Steven Butschi (Head of Education, Google Cloud) and Paul Wilson (Managing Director of Public Sector, Google Cloud Asia Pacific)
○ One Google Approach : Bring the best of Google to education
○ Leadership Insights: The future of education in India
○ VC Perspective: Raising capital and the future of EdTechs in APAC
○ Introducing the Digital Maturity model for EdTech
○ EdTechs transform education with 6 Student Success Services from Google Cloud
○ EdTech companies partner with Google Cloud

VOLUNTEER EXPERIENCE

Rotaract Club of SRM Kattankulathur - Role: Director of Media & Editorial Domain for the Club | Cause: Social Services   **Jul 2020 - Present**
○ Liaising with other domains while acting as the **single point of contact** for the Director and the team

- Assisting the Director with the posters.
- Aiding the Director in coordinating all production activities and supervising cast/crew
- Ensuring that the team is working for the organization while administering other responsibilities.

EXTRA CURRICULAR ACTIVITIES

30 Days of Google Cloud Program
Complete labs from Cloud Engineering, Data Engineering and Machine Learning Tracks

JPMorgan Chase Software Engineering Virtual Experience
Completed practical task modules in:
- Interface with a stock price data feed
- Use JPMorgan Chase frameworks and tools
- Display data visually for traders

Goldmann Sach's Engineering Virtual Program
• Crack encrypted passwords, identify encryption type and hashing algorithm used to encrypt the password.
• Resource used : Kali Linux , pen testing tools like HashCat .
• Reported various measures to avoid site vulnerabilities/data leak.

Accenture Nordic Developer Program
- Define technical requirements, Design changes to an existing architecture, Scale on-premise system infrastructure to the cloud. Reading and understanding code, Attention to detail.
- Debugging algorithms, Unit testing User Acceptance Testing - UAT Security maturity assessment, IAM policies and permissions.
- Securing the software development lifecycle (SDLC), Shaping the Problem, Data and privacy.

PERSONAL DETAILS

Date of birth: 11 January 2001	Father's name: Rajiv Ranjan
Permanent address: J-23, Rapti Nagar-4, Medical College Road, Gorakhpur, Gorakhpur, Gorakhpur, Uttar Pradesh, PIN - 273003	Languages known: German, Hindi, English
Permanent contact number: 8303692147	Nationality: Indian
Passport availability: Yes	