

Krishnendu Das

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SUMMARY

Computer Science student, passionate about software development and data science. Proficient in Python, Java, and C++, with expertise in data analysis, visualization, and machine learning. Committed to ongoing professional development, seeking internships to apply knowledge in real-world settings. Strong team player with excellent communication skills.

SKILLS

Category	Skills
Programming Languages	Python, Java, C#, JavaScript, SQL, Swift, PHP, C++
Web Development	HTML/CSS, React.js, Node.js, Django, ASP.NET
Mobile Development	Android Development, Flutter
Database Management	MySQL, Oracle
Version Control	Git
Other Skills	Machine Learning, Visualization, Deep Learning and Neural Networks

WORK EXPERIENCE

Project Intern - Delhi Technological University June 2024 - Present

Participating in the Summer Project Program at DTU under Dr. Rahul Thakur was very informative. Over 8 weeks, I engaged in hands-on research in Malware Detection using NLP and Deep Learning. The workshops and seminars broadened my knowledge, while working on real projects honed my problem-solving skills. This experience has significantly prepared me for future academic and research endeavors.

Summer Intern - IISER Bhopal May 2024 - Present

Participating in the Summer Internship Program at IISER Bhopal under Dr. Kuntal Roy was transformative. Over 8 weeks, I engaged in hands-on research in Quantum Machine Learning. The workshops and seminars broadened my knowledge, while working on real projects honed my problem-solving skills. This experience has significantly prepared me for future academic and research endeavors.

Developer Research Fellow - AptosLabs Aug 2023 - Dec 2023

My academic internship at Aptoslabs immersed me in Web3 and blockchain technology. I gained hands-on experience in blockchain fundamentals, smart contract development, and decentralized application deployment. Collaborating on a groundbreaking project, I honed my skills in Solidity programming and navigated challenges in the rapidly evolving Web3 landscape.

EDUCATION

2024 - Present	Master of Science in Applied Data Science	School of Information - University of Michigan, Ann Arbor, Michigan (GPA: TBU)
2024 - Present	Master of Science in Computational Science and Application	DST Centre of Interdisciplinary Mathematical Science - Banaras Hindu University (GPA: TBU)
2021 - 2024	B.Sc(Hons.) in Computer Science and Electronics	Ramakrishna Mission Vidyamandira College, Belur Howrah (CGPA: 7.82/10.0)
2019 - 2021	PCMB	WBCHSE (Grade: 85/100)
2018 - 2019	Class 10th	WBBSE (Grade: 92/100)

CERTIFICATIONS

Certification/Course	Platform
Python 3 Specialization	University of Michigan
IBM Data Science Professional Certification	IBM
IBM Applied Software Engineering	IBM
Applied Cryptography	University of Colorado
Programming in Java	IIT Kharagpur

PROJECTS

Malicious Files Detection and Classification

Jun 2024 - Present [Link to Github](#)

This project proposes a machine learning-based system for detecting malware files if any are present or enter in our system.

DNS Attacks Prevention using Quantum Deep Learning

May 2024 - Present [Link to Github](#)

This project proposes Deep learning-based system for detecting malicious DNS requests traffic on a server.

DoH Traffic Analysis

Jan 2024 - Apr 2024 [Link to Github](#)

This project proposes a machine learning-based system for detecting malware and analyzing DNS-over-HTTPS (DoH) traffic.

Securing Your Android Fortress

Aug 2023 - Dec 2023 [Link to Github](#)

Hackers can illegally access Android devices through malware and social engineering. To prevent this, only download apps from trusted sources, avoid rooting, use secure networks, and be cautious online

SpaceX Falcon 9 Prediction using ML

Aug 2022 - Oct 2022 [Link to Github](#)

The SpaceX Falcon 9 Prediction project using machine learning aims to predict the success or failure of Falcon 9 rocket launches.