

Alagappan Alagappan

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PROFILE

Hello there! I'm Alagappan, a Second-year student at the University of Birmingham, majoring in Computer Science/Software Engineering MEng degree (bachelor's with Integrated Masters). I have a passion for Software Engineering and Computer Science, I am proficient in Java and Python, with a keen interest in exploring the vast world of Cyber Security and Artificial Intelligence.

EDUCATION

University of Birmingham

Timeline: 2023-2027

Degree: MEng Computer Science and Software Engineering (Hons) (Full Time)

- Key Modules: Artificial Intelligence, Object Oriented Programming, Data structures and Algorithms & Full Stack Application Development
- Prizes and Awards: I was awarded the Academic Merit Scholarship by the University of Birmingham and I was also awarded 2023 C|CT Scholarship by the EC-Council.

Certificates/Achievements

- AWS Cloud Practitioner
- Supervised Machine Learning: Regression and Classification course- Stanford and DeepLearning.AI
- Mastercard Cybersecurity Virtual Internship Program on Forage: Designed a phishing email. Interpreted Phishing email simulation.
- Python for Data Science, AI and development - IBM
- Cybersecurity Foundation GRC (Governance, Risk and Compliance) LinkedIn course
- Fundamentals of Digital Marketing – Google
- Bits and Bytes of Computer Networking - Google
- LPI essentials – Linux essential professional development certificate
- Introduction to Vulnerability Management – Qualysguard
- Datacom Software Development Job Simulation on Forage - Completed a simulation focused on how the software development team at Datacom approaches their work Reviewed a web application and planned for future improvements. Identified the root cause of bugs and implemented a fix to improve the application.
- GE Aerospace Exploring Human Resource Virtual Internship Program on Forage: Gave constructive feedback to motivate, change and inspire. Learned about Lean Mindset and Practice Lean Principles to Improve Processes. Has Coached a leader on Compensation & Benefits approach.

SKILLS AND INTERESTS

Languages: Tamil, English, Hindi & Arabic (Elementary)

IT Skills: Prompt Engineering; Fluency in Cloud Computing, Aware of Layer-2 & 3; Computer Networking Concepts; Programming in Java, Python, SQL, PSQL; Knowledge in AWS services; Fluency in Routing Concepts; Microsoft Office; SAP Document Management System; Bash Scripting; Basic Knowledge of Advanced Machine learning Algorithms, Supervised Machine Learning and Unsupervised Machine Learning, TensorFlow and Jupyter Notebooks.

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