

Arif Hasnat

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<https://github.com/arifhasnat3po> | <https://arifhasnat3po.github.io/portfolio.io/>

<https://www.linkedin.com/in/arif-hasnat/> | <https://hasnathorizon.com>

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER & COMMUNICATION ENGINEERING

International Islamic University Chittagong

CGPA: 3.793 out of 4.00

Thesis: Enhancing Insider Malware Detection Accuracy with Machine Learning Algorithms

2019 – 2023

Chattogram, Bangladesh

PROFESSIONAL EXPERIENCE

Executive

Star Tech Ltd

Jul 2024 – Sep 2024

Dhaka, Bangladesh

As a former SEO Content Writer at Star Tech Ltd., I created high-quality, optimized content to drive organic traffic and enhance audience engagement. My responsibilities included conducting keyword research, developing content strategies, and collaborating with cross-functional teams to ensure consistent and impactful messaging.

QA Automation Engineer Intern (Remote)

A1QA

Apr 2024 – May 2024

Minsk, Belarus

I have developed automation tests using WebdriverIO and JavaScript, where I focused on creating robust and efficient test scripts. My responsibilities included running tests, analyzing results, and setting up and supporting the environment for automated test execution.

Teaching Assistant

International Islamic University Chittagong

Jan 2023 – Jan 2024

Chattogram, Bangladesh

Basic Electronics Sessional & Basic Communication Engineering Sessional

PUBLICATIONS

Enhancing Insider Malware Detection Accuracy with Machine Learning Algorithms

Kabir, M.; **Hasnat, A.**; Mahdi, A.; Hasan, M.; Ahmed Chowdhury, J.; Mohammad Fahim, I. Enhancing Insider Malware Detection Accuracy with Machine Learning Algorithms, in Proceedings of the 10th International Electronic Conference on Sensors and Applications, 15–30 November 2023, MDPI: Basel, Switzerland, doi:10.3390/ecsa-10-16234

Enhancing Workplace Efficiency: An Intelligent Office Automation System Leveraging IoT IEEE

Kabir, M.; **Hasnat, A.**; Haque, M. U.; Mahdi, A. J.; Hoque, M. J.; Ahmed, M. R. *Enhancing Workplace Efficiency: An Intelligent Office Automation System Leveraging IoT*, in Proceedings of the 2024 International Conference on Innovations in Science, Engineering and Technology (ICISSET), 26–27 October 2024, IEEE: Chittagong, Bangladesh, doi:10.1109/ICISSET62123.2024.10941548.

Design & Simulation of AI-enabled Digital Twin Model for Smart Industry 4.0

Kabir, M.; Ahmed Chowdhury, J.; Mohammad Fahim, I.; Hasan, M.; **Hasnat, A.**; Mahdi, A. Design & Simulation of AI-enabled Digital Twin Model for Smart Industry 4.0, in Proceedings of the 10th International Electronic Conference on Sensors and Applications, 15–30 November 2023, MDPI: Basel, Switzerland, doi:10.3390/ecsa-10-16235

SKILLS

Python (Django, Flask, Web Scraping), **Machine Learning**, **Computer Networking**, **HTML/CSS**, **Bootstrap** (Front-end framework), **Javascript** (DOM, JQuery), **SQL**, **MATLAB**, **Learning CCNA** (eRevo Technologies Limited), **Cyber Security**, **Linux**, **C programming**

LANGUAGES

Bengali — Native • **English** — IELTS overall 6.5 | L 7.0 | R 6.0 | W 6.5 | S 6.5

ORGANIZATIONS

CCE CLUB, IIUC

Assistant General Secretary

CCE Club is the official club of the Department of Computer and Communication Engineering (CCE) at IIUC.

Nov 2022 – Sep 2023

Chattogram, Bangladesh

IEEE IIUC STUDENT BRANCH

Photographer

IEEE Is The World's Largest Technical Professional Organization Dedicated To Advancing Technology For The Benefit Of Humanity.

Dec 2021 – Jul 2023

Chattogram, Bangladesh

CERTIFICATES

Programming for Everybody (Getting Started with Python)

<https://coursera.org/share/f2d22aac5fc916148e0dd4397fb25805>

Inter Semester Programming

Champion

Organized By CCE CLUB, IIUC

Practical Ethical Hacking - The Complete Course

<https://www.udemy.com/certificate/UC-2c85c3d2-f1c8-4b5f-a28d-428e8dc59917/>

Operating Systems Basics

<https://www.credly.com/badges/69ab4322-e363-473d-ac90-f0697413532c>

Technical Support Fundamentals

<https://coursera.org/share/083dbf9dbe4e91ff73341501eb3d056b>

CYBERCON-2022 IIUC

PROJECTS

Python Projects

<https://github.com/arifhasnat3po/Python100DaysBootcamp>

Completed a comprehensive Python training program on Udemy, mastering automation, game development, app and web development, data science, and machine learning. Built 100 projects in 100 days, leveraging libraries like Selenium, BeautifulSoup, Flask, Pandas, NumPy, Scikit Learn, and Matplotlib. Highlights include creating games like Blackjack, Pong, and Snake.