Curriculum Vitae

Md. Al-Mamun Provath

⌂ Dormitory, CUET
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⚡ Github Profile
in Al-Mamun Provath
🌐 https://www.cuet.ac.bd/members/752

Career Objective

🔖 Driven by a deep passion for Artificial Intelligence, I aspire to pursue a Ph.D. in this field. My goal is to lead groundbreaking research and create innovative solutions that can positively impact the world. With a strong background in Machine Learning, Deep Learning, and Data Science, along with an unwavering commitment to continuous learning, I am ready to contribute significantly to the advancement of AI. I aim to drive meaningful change through cutting-edge applications, particularly in computer vision.

Employment History

November, 2023 – Present
🔖 **Lecturer,** Department of Computer Science and Engineering, Chittagong University of Engineering & Technology (CUET).

June, 2023 – September, 2023
🔖 **Lecturer,** Department of Computer Science and Engineering, United International University (UIU).

Education

2023 – Present
🔖 **M.Sc. Computer Science & Engineering,** Chittagong University of Engineering and Technology (CUET).
Result: *Ongoing*

2018 – 2023
🔖 **B.Sc. Computer Science & Engineering,** Chittagong University of Engineering and Technology (CUET).
Result: *CGPA* ***3.96/4.00 ((Departmental Position : 1st)***

2016 – 2017
🔖 **HSC. Science,** Notre Dame College, Dhaka.
Result: *GPA* ***5.00/5.00***

2014 – 2015
🔖 **SSC. Science,** Melandah Umir Uddin Pilot High School, Jamalpur.
Result: *GPA* ***5.00/5.00***

Research Publications

Journal Articles

1. M. A.-M. Provath, K. Deb, P. K. Dhar, and T. Shimamura, "Classification of lung and colon cancer histopathological images using global context attention based convolutional neural network," *IEEE Access*, 2023.

Conference Proceedings

1 M. A.-M. Provath, K. Deb, and K. H. Jo, "Xai-driven lightweight multiscale convlstm architecture for video violence detection," in *2024 IEEE 33rd International Symposium on Industrial Electronics (ISIE)*, IEEE, 2024, pp. 1–6.

2 M. Al-Mamun Provath, K. Deb, and K.-H. Jo, "Classification of lung and colon cancer using deep learning method," in *International Workshop on Frontiers of Computer Vision*, Springer, 2023, pp. 56–70.

Skills

Programming Languages	Python (3 Years), Java (3 Years), C (3 Years)
Frameworks	Pytorch (1 Year) Keras (4 Years), Tensorflow (4 Years), Sci-kit learn (4 Years), OpenCV (4 Years), Pandas (4 Years)
AI Field	Deep Learning (5 years), Machine Learning (5 years), Computer Vision (5 years), Reinforcement Learning(1 Year)
Misc.	Academic research, teaching, consultation, Data visualization with Tableau, LATEX typesetting and publishing.

Miscellaneous Experience

Awards

- **University Gold Medalist**
- **UGC Merit Scholarship**

Internship

2022 **New Technology Systems Ltd. (NTS)**
Project Title: A salary management system of NTS using the basic features of Oracle Apex, A basic inventory management system using the basic features of Oracle Apex
Project Role: Team Member
Project Description: Creation NTS employees management dashboard and also a dashboard for employee details which contains salary and job position request list, update salary, and approval request

Research Co-ordinator : CUET Computer Club

Training and Workshops

2023 **Software Engineering: The Best Professional Practices**— Dept. of CSE, CUET

2022 **IoT-based Smart Campus** — (ICT Division and Dept. of CSE, CUET)

Projects

Poralekha.com : A platform to connect both tutors and students using HTML, CSS, Django concept

Miscellaneous Experience (continued)

- **ToyFriends :** An Online Platform to Share and Exchange Children Toys and Books using React Native
- **Poker Game using Java**

Certifications

🌐 `Certificate` 🔖 **Deep Learning Specialization** — (Coursera)

References

Dr. Kaushik Deb
Professor, Department of Computer Science & Engineering (CSE),
Ex-Head, Department of Computer Science & Engineering (CSE),
Ex-Director, Institute of Information & Communication Technology (IICT),
Ex-Dean, Faculty of Electrical & Computer Engineering (ECE),
Chittagong University of Engineering and Technology.
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Sharmistha Chanda Tista
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Declaration

I hereby declare that the above information is true and correct to the best of my knowledge.

Yours faithfully,
Md. Al-Mamun Provath

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Signature of the applicant