Eftakhar Ahmed Arnob

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Languages: **English, Bengali**

Objective: As a computer engineer, my career goal is to design, develop, and maintain efficient and reliable software systems while continuously learning and staying up to date with the latest technologies and industry trends. I strive to work on challenging projects that allow me to utilize my technical skills and problem-solving abilities to create innovative solutions for clients and customers. Additionally, I aim to collaborate effectively with cross-functional teams and contribute to the success and growth of the organization.

References:

Engr. Tofayel Ahmed Ovee
Graduate Research Assistant
&PhD Scholar in Dept. of Chemical Engineering
Auburn University, USA
Email: ovee@auburn.edu

Shadat Hossain Parvez
Assistant Professor in Dept. of CSE
North East University Bangladesh
Email: shparvez@neub.edu.bd

Skills:

- C | C++ | PHP | Java | JavaScript | Python | HTML | CSS | SASS | MSSQL | Arduino | Git | Bootstrap
- Python GUI | Machine Learning | Robotics | SkLearn | GitHub Actions | PHPMailer
- Unity Engine | LATEX | Microsoft Office | Photoshop & Illustrator | Frontend | Backend | Full-Stack

Education:

- **B.Sc(Engg) in CSE:** Dept. of CSE, North East University Bangladesh. **(01/2019 – 03/2023)**

Experience:

1. **Software Engineer (16/03/2023 - Current)**
   Dorik Bangladesh Ltd, Web: https://dorik.com/

2. **Technical Support Engineer (10/01/2023 – 15/03/2023)**
   Dorik Bangladesh Ltd, Web: https://dorik.com/

Projects:

- **Foodie:** Created a food review and restaurants finder website using PHP. Link to YouTube Overview (08/2022)
- **ReachMe:** Created a Social Media Platform website using PHP. Link to YouTube Overview (06/2022)
- **NEUB CodeLand Forum:** Created a forum website for my university using PHP. Link to YouTube Overview (02/2022)
- **Robotic Arm:** Built a robotic arm using Arduino and other robotic components. Link to YouTube Overview (01/2022)
- **Wi-Fi Controlled Car**: Built a Wi-Fi controlled car using ESP8266 and other robotic components. Link to YouTube Overview (10/2021)
- **Retro Cave Adventure:** Made a retro style game using JAVA. Link to YouTube Overview (09/2021)
- **Demo Operating System:** Built a demo operating system project using JAVA. Link to YouTube Overview (07/2021)
- **Simple Calculator Project:** Built a calculator using JAVA. Link to YouTube Overview (06/2021)
- **Bank Management Application:** Built a bank management application using JAVA. Link to YouTube Overview (05/2021)

Achievements:

- **BD Rank 141st (Onsite):** ICPC Dhaka Regional 2022 Onsite Contest - 2nd Round.
  Team: NEUB_TeamXero - Source - 2023
- **BD Rank 103rd (Onsite):** ICPC Dhaka Regional 2021 Onsite Contest - 2nd Round.
  Team: NEUB_TeamXero - Source - 2022
- **BD Rank 90th (Onsite):** ICPC Dhaka Regional 2020 Onsite Contest - 2nd Round.
  Team: NEUB_DivisionByZero - Source - 2021
- **World Rank 1677th (BD 13th):** Google CodeJam 2021 Qualification Round.
  Username: arnabxero - Source - 2022
- **2nd Runner Up:** SJ Innovation Hackathon 2021.
  Team: Gladiators - Source - 2021
- **1st Runner Up:** Robotics Contest - NEUB ICT Fest 2019. Team: Pathfinder - Source - 2019
- **2nd Runner Up:** Project Showcasing - NEUB ICT Fest 2019. Team: Xero - Source - 2019
- **Champion:** NEUB Eid Mubarak Coding Contest. Username: arnabxero - Source - 2019

Researches:

- Collaborating with a **PhD Research - "**Poroelastic Mechanosensing Soft Robot", Dept. of Chemical Engineering **-** Auburn University: This research is based on a soft robotic interface that will make robots understand & sense their environment similar to human being. I am programming & developing the control system of the robot & data analysis.
- **Thesis Research -** 2D Shape Recognition & Completion, Dept. of CSE - North East University Bangladesh: This is my primary thesis research. I am developing a machine learning model that will recognize a 2D shape from partial data and generate the missing part of it.