

Iftu Bin Misbah

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Github: <https://github.com/wsamio>

EDUCATION

International Islamic University Chittagong (2019-2023)

BSC in Computer Science & Engineering

EXPERIENCE

Machine Learning Engineer

Liberate Labs (June 1, 2023 - Present)

- Large Language Model (LLM) - Utilized LLMs for advanced AI applications.
- FastAPI - Developed APIs efficiently with python framework FastApi
- Langchain - Utilized Langchain framework for developing applications powered by LLM
- Python - Proficiently coded in Python for diverse AI applications
- Vector Database - Used ChromaDB, Pinecone and Qdrant to host and retrieve
- Data Scraping - Expertly scraped data from the web to feed into vectorstores
- Natural Language Processing (NLP) - Applied NLP techniques to extract insights
- OpenAI Products - Utilized gpt-3.5, gpt-4 models through OpenAI Api
- Agents - Worked with revolutionary Langchain agents, MultiGPT, AutoGen

Teaching Assistant

International Islamic University Chittagong (Jan 2023 - Jun 2023)

- Programming Language - Mentored students in C and C++ programming
- Evaluator - Evaluated assignments and provided feedback
- Classes - Assisted with course material, workshops and competitive programming

Technical Skills

Programing Language: C, C++, Python, PHP, JavaScript

Version Controlling: Git, Github

IDE: Visual Studio Code, CodeBlocks, Google Colab, Pycharm, Sublime Text

Web Framework: Django

Training

Industrial Mentorship

- Learned to Build and Deploy websites
- Practiced English Mock Interviews with my mentor

Competitive Programming Bootcamp (Intermediate)

- Learned various Math Concepts (e.g. Number Theory, Bigmod, Factorization)
- Participated in various Programming Contest
- Learned various Data Structures (e.g. Linked List) and Algorithms (e.g. Sieve, Graph)

Extracurricular activities

Competitive Programming: 600+ problem solved in various online judges

- [Codeforces](#)
- [Vjudge](#)
- [Atcoder](#)
- USACO

Machine Learning Courses:

- Supervised Machine Learning: Regression and Classification by Andrew Ng
- Advanced Learning Algorithms by Andrew Ng
- Deep Learning Specialization by Andrew Ng

Programming Language Courses:

- Python for Data Science via DataCamp
- Crash course on Python via Coursera
- C and C++ Programming via Thenewboston