Tahmid Anjum Bin Haroon

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EDUCATION

BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY
BSc in Computer Science and Engineering
Feb 17 - May 22 | Dhaka, Bangladesh

GOVT. M. M. CITY COLLEGE
July 2016| Khulna, Bangladesh

SKILLS

PROGRAMMING

Programming Languages :
• C • C++ • Python • JavaScript
• Java • Shell • Assembly • C# • GO
Frameworks & Tools :
Backend : • Nodejs • Express • Django
FrontEnd : • React (Bootstarp, Material-UI, TailwindCSS)
Database : • PostgreSQL(Sequelize)
• MongoDB(Mongoose) • Oracle
• MySQL.
Others : • HTML • CSS • Android(Java)
• Git • LaTex • Docker • Kubernetes.

LINKS

My Website://tahmidanjum.github.io
Facebook://tahmid.anjum.31
Github://TahmidAnjum
LinkedIn://tahmid-anjum-b-251431106
Discord://Sleeping

COURSEWORK

UNDERGRADUATE

• Object Oriented Programming
• Design Patterns • Data Structures
& Algorithms • Computer Architecture
• Compilers • Operating Systems
• Computer Networks • Computer
Security • Computer Graphics
• Artificial Intelligence • Graph
theory • High Performance Database
System • Machine Learning • Pattern
Recognition • Microprocessors,
Microcontrollers, and Embedded Systems

EXPERIENCE

SAMSUNG R&D INSTITUTE | Software Engineer
June 2022 – Present | Dhaka, Bangladesh
Watch Notifications Team | Android, Java, JUNIT
• Implemented new features in Samsung Galaxy Watch Series(Watch 4, Watch 5 and upcoming Watch 6) enhancing user experience and meeting user demands.
• Wrote Unit test cases covering around 4,000 lines (35%-40%) of our source code ensuring the correctness and quality of our code.
• Refactored existing source code maintaining SOLID principles and in TDD approach making the code more readable, scalable and testable.

PROJECTS

LEARNING ENVIRONMENT FOR UNIVERSITY STUDENTS |
NodeJS, Express, PostgreSQL, Sequelize(ORM) React
- Built a full stack web environment maintaining REST API principles with CRUD operations and JWT authentication to create an advanced learning platform.

FANTASY PREMIER LEAGUE | NodeJS, Express, MongoDB, React
- Another full stack web project which is a recreation of the famous fantasy genre game Fantasy Premier League.

ANIME CHARACTER RECOGNITION | Python(Pytorch, Easyfsl)
- Built a Machine Learning model which can differentiate and recognize individual anime characters. Implemented using Resnet and Few Shot Algorithm

WI-FI PASSWORD CRACKING ATTACK | C++, Python
- Cracking Wi-Fi password using Deauthentication Attack and Dictionary Attack.

LINE OF ACTION | Python, C++
- Board game based on AI
- UI implementation using pygame, AI logic implementation(Min-Max algo) in C++

RAPID ROLL | C, AVR
- A recreation of the game Rapid Roll. Microprocessor project built with ATmega32 microchip, hex inverters, decoders and IR sensors.

AWARDS

- 2x national National Math Olympiad(2012 - first runner-up, 2015 - first runner up), 2x national Science Olympiad (2012, 2013), National match camp - 2015