





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

Facebook://[tahmid.anjum.31](https://facebook.com/tahmid.anjum.31)

Github://[TahmidAnjum](https://github.com/TahmidAnjum)

LinkedIn://[tahmid-anjum-b-251431106](https://linkedin.com/in/tahmid-anjum-b-251431106)

Discord://[Sleeping](https://discord.com/users/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