TAHMID ANJUM BIN HAROON

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EDUCATION

Bangladesh University of Engineering and Technology, Dhaka *January 2017 - Present*
Bachelor of Science in Computer Science and Engineering

SKILLS

Programming Languages:	C, C++, Python, Java, JavaScript,C#,GO
Software & Tools:	**Backend:** Nodejs, Django, Express
	FrontEnd: React(Bootstarp, Material-UI)
	Database: PostgreSQL(Sequelize), Oracle, MySQL, MongoDB(Mongoose)
	Others: HTML, CSS, Bash, Git, LaTex, Data Analysis, Machine Learning

RESEARCH EXPERIENCE

HSCICT - An Effective Learning and Teaching Model for Programming Languages *March 2021 - Present*
Research on how to teach students programming languages effectively using various methods and analyze the feedback with the help of Data Science

PROJECTS

OBE Based Learning Management System | *NodeJS, Express, PostgreSQL, React* *March 2021*
- *Advanced Learning Management System with Outcome Based Learning Criterion*

Anime Character Recognition | *Python(Pytorch, Easyfsl)* *February 2022*
- *Machine Learning project using Resnet and Few Shot Algo.*

Wi-Fi Password Cracking Attack | *C++, Python* *March 2021*
- *Cracking Wi-Fi password using Deauthentication Attack and Dictionary Attack*

Line of Action | *Python, C++* *March 2020*
- *Board game basod on AI*
- *UI implementation using pygame, AI logic implementation(min-max algo) in C++*

Network Tic - Tac - Toe | *Java, JavaFX* *September 2017*
- *A java based Tic - Tac - Toe game*

Fantasy Premier League | *Java, JavaFX, PostgreSql* *September 2018*
- *A recreation of the popular fantasy football game 'Fantasy Premier League'*

Rapid Roll | *C, AVR* *March 2019*
- *AtMega32 project recreating the classic mobile game "Rapid Roll"*

AWARDS

- 2x national National Math Olympiad winner (2012 - first runner-up, 2015 - first runner up)
- 2x national Science Olympiad winner (2012, 2013)
- 5x regional Math Olympiad winner winner, 3x regional Physics Olympiad winner winner, 4x regional Science Olympiad winner, 2x regional ICT Olympiad winner

EXTRACURRICULAR ACTIVITIES

Srinivasa Ramanujan Math Club, Khulna *October 2018 - Present*
- *Vice President*