

# Tabassum Tara Lamia

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## Education

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### Bachelor of Science in Computer Science & Engineering

Ahsanullah University of Science and Technology

Current CGPA 3.529 / 4

### Higher Secondary Certificate

Viqarunnisa Noon School And College

GPA 5.00 / 5 2017 – 2019

## Competitive Programming Skills

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- CodeChef: Max Rating: 1176 (1 Star) – [\[Link\]](#)
- Problem-Solving: 900+ problems solved on online judges

## Academic Software Projects

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- **AI Image Detector(2024)**, Technologies: Deep Learning, Artificial Intelligence – [\[Link\]](#)
- **Time Series Forecasting of Water Quality Index of Peripheral rivers of Dhaka City using Machine Learning(2024)**, Technologies: Deep Learning, LSTM, GRU – [\[Link\]](#)
- **AUST BUDDY WEB(2023)**: An educational web app for AUST students, Technologies: Kotlin, ASP.NET, Firebase, MVC – [\[Link\]](#)
- **CASIAC (2023)**: A Case management desktop application made for the lawyers, Technologies: Java Swing and MSSQL database. – [\[Link\]](#)
- **JAU (2023)**: An Online Judge. Technologies: Php, MySQL – [\[Link\]](#)
- **LIFE@AUST (2021)**: A single-player desktop game. Technologies: C++, Igraphics –

## Technologies and Skills

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- Machine Learning: Regression, Classification, Clustering, Natural Language Processing(NLP), Deep Learning, Transformer.
- Languages and Frameworks: C++, C#, Kotlin, PHP
- Databases: MySQL, Firebase, MSSQL
- Development Tools: Visual Studio Code, Visual Studio, NetBeans, Android Studio
- Others: Data Structures, Algorithms, OOP, Database

## Participation

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- *AUST CSE Carnival 2.0 Software Exhibition(AUST BUDDY Web)*
- *AUST CSE Carnival 1.0 Software Exhibition(AUST BUDDY)*
- *Intra AUST Programming Contest Fall 2021(AUST Pop Corn)*

## Voluntary Experiences

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- Organized Intra AUST Programming Contest – Spring 2023