

# KAZI SHIBLI ZAMAN RAHIL

CSE Graduate | Software Development | Research-Oriented | AI & Machine Learning | Cybersecurity | Data Analytics


+880 1639-149794 | iamksrahil03@gmail.com

linkedin.com/in/iamrahil | github.com/Rahil03-git

169/8/A West Dholaipar, Dhaka, Bangladesh


## PROFESSIONAL SUMMARY

Computer Science and Engineering graduate from United International University, with a 3.72/4.00 CGPA and experience in software development, network & cybersecurity research, machine learning, data science, and data analytics. Interested in developing innovative software solutions and exploring research-driven approaches to intelligent and secure computing.

## EDUCATION

**B.Sc. in Computer Science & Engineering**
United International University | 2022–2026 | CGPA: 3.72 out of 4.00

**Higher Secondary Certificate (HSC)** - Science
Dania University College, Dania, Dhaka | 2020 | GPA: 5.00 out of 5.00

**Secondary School Certificate (SSC)** - Science
Bright School and College, Dania, Dhaka | 2018 | GPA: 5.00 out of 5.00

## STRENGTHS

Problem-Solving & Analytical Thinking
Self-Confident & Sincere
Security Awareness
Data Analysis & Interpretation
Machine Learning & AI
Research & Critical Thinking
Database Management
Project Management & Coordination
Team Leadership & Collaboration
Technical Communication
Time Management & Adaptability

## LANGUAGE

**Bengali** (Native)
**English** (Fluent)

## SELECTED RESEARCH & PROJECTS

**Research Projects**

- **AI-Driven Zero-Trust Security Framework for Next-Generation Smart Cities**

Security, AI, ML | 2025-26 (Submitted to ECCE Conference 2027)

- **Zero-Reference Low-Light Image Enhancement Using Adaptive Contrast and Edge Preservation**

Image Processing, Computer Vision | 2026

- **Entropy-Guided Initialization for K-Medoids Clustering: Improving Cluster Stability and Convergence on Real-World Datasets**

Data Mining, Data Science | 2026

- **An Intelligent Malware Detection System in Modern Cybersecurity Using Hybrid-Ensemble Machine Learning Model**

Machine Learning, Cybersecurity | 2025

**Software Projects**

- **H.E.X - Health, Education & eXploration Desktop Application**

An integrated desktop platform connecting healthcare, education, and essential campus services.

- **GlobalEdX - Study-Abroad Guidance Platform**

A university discovery and recommendation platform helping Bangladeshi students explore international study opportunities.

- **EdAcademix - Study-Abroad Guidance & IELTS Preparation Platform**

An all-in-one platform combining international university guidance with interactive IELTS preparation and performance tracking.

- **UIU ResearchCollab - Academic Research Collaboration Portal**

A collaborative academic platform connecting students and faculty through research opportunities, mentorship, and shared workspaces.

## TECHNICAL SKILLS

- **Programming:** C, C++, Java, Python
- **Frontend:** HTML5, CSS3, JavaScript, React.js, Bootstrap
- **Backend:** PHP, Laravel; Python-based application development
- **Databases:** MySQL, MariaDB
- **Tools & Platforms**: GitHub, Google Colab, Kaggle, Jira, Trello, VS Code, Inteji IDEA

## EXPERIENCE, ACHIEVEMENTS, & ACTIVITIES

**Private Tutor:** 5+ years of independent tutoring.
**Champions Trophy, CSE Project Show 262:** FYDP 3 poster presentation and full research demonstration; Team Leader, Catalyst 505
**Champions, CSE Poster Show 223:** Life Skills for Success; Team Leader & Class Representative.
**Activities:** UIU Model United Nations Club, UIU Robotics Club, UIU Computer Club; public speaking, scouting, and volunteering.