

# UDIPTA MONDAL

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🔗 [Udipta-Mondal](#)

## EDUCATION

**Presidency University Bangladesh**

*Computer Science and Engineering*

**01 2022 – 12 2025**

*Dhaka, Bangladesh*

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Database Management System (DBMS)
- OOPS Concept
- Network Security
- Machine Learning

## PROJECTS

**Dengue Prediction(ML)** [↗](#) | Leveraging machine learning to predict dengue outbreaks. **06 2023**

- This is a machine learning project to predict Dengue based on rainfall and temperature.

**Library Management System** [↗](#) | Developing a system to manage library resources efficiently. **07 2023**

- Developed a system that allows efficient management of library resources, including borrowing and returning books.

**End-to-End Enterprise Network Design** [↗](#) | Configured a scalable network infrastructure. **09 2024**

- Designed and implemented a scalable network infrastructure to meet enterprise-level requirements.

**School Management System** [↗](#) | A desktop-based School Management System . **04 2025**

- designed to make academic operations more efficient for schools.

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C++, SQL, C Sharp

**Developer Tools:** VS Code, Visual Studio, Kaggle

**Technologies/Frameworks:** Windows, GitHub

## SOFT SKILLS

problem-solving abilities

communication and teamwork skills

Participated in hackathons and coding competitions

## AWARDS

**1st Runner-Up in the Presidency Intra-University Programming Contest Season-1** [↗](#)

**Winner at the Intra-University Programming Contest Season-2** [↗](#)

**2nd Runners-up of AI Contest** [↗](#)

**ICPC Asia Dhaka Regionalist-2023** [↗](#)

## CERTIFICATIONS

- Competitive Programming [↗](#)
- Image Processing in Python [↗](#)
- Supervised Learning with scikit-learn [↗](#)
- C++
- Python
- Machine Learning
- Shohoj Coding
- DataCamp
- DataCamp