# RABIUS SANI JABIULLAH

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## EDUCATION

**Bachelor of Science in Computer Science and Engineering**                    Fall 2023

United International University, United City, Madani Ave, Dhaka.

*Final Year Research title*: "Modelling Farmers' Financial Development of Bangladesh: Technological Aspect and Challenges."

## RESEARCH INTERESTS

My research passion lies at the forefront of HCI within mobile application development, aiming to innovate solutions that address pressing end-user challenges.

## RESEARCH EXPERIENCE

**Undergraduate Research Assistant**                    **2023 - Present**

*Department of CSE, United International University*

*Research title*: `PolicyClarity': A User-Centered System for Enhancing Terms and Conditions Visualization

- Conducted extensive surveys and semi-structured interviews to analyze user behavior and expectations regarding Terms and Conditions (T&C), identifying key pain points and preferences for visual and interactive representations to enhance user engagement and understanding.

- Utilized mixed-method research approaches to gather comprehensive data for iterative design improvements

- Collaborated with diverse stakeholders including faculty, end-users, and fellow under-graduate students to develop and validate design goals for HCI applications. Engaged in multi-disciplinary projects aimed at creating innovative visualizations and simulations to predict user interaction outcomes and improve application accessibility.

## TEACHING AND MENTORING EXPERIENCE

**Teaching Assistant, Human-Computer Interaction**                    **Fall 2023**
*CSE Department, United International University*

- Prepared lectures and course materials on Human-Computer Interaction concepts for freshman undergraduates.

- Created and graded course assessments with the help of other facultys to ensure students understood material and stayed on track.

**Academic Grader, Object Oriented Programming**                    **Spring 2022 – Summer 2023**
*CSE Department, United International University*

- Prepared class activities on OOP concepts and an introduction to Java Programming Language for freshman undergraduates.

**Lab Mentor, Database Management Lab**                    **Fall 2021**
*CSE Department, United International University*

- I mentored an undergraduate team in database design and implementation, leading them to achieve Runners-Up in the UIU CSE Project Showcase.

- Guided the students in preparation and presentation of their project.

## HONORS AND AWARDS

Finalist in Therap Javafest                                          **Summer 2023**

- Progressed through rigorous stages, demonstrating strong technical skills and problem-solving abilities as a finalist.

Scholarship from University                                          **Spring 2023**

- For achieving outstanding academic excellence.

Runners-up on UIUCSE Project Showcase                               **Fall 2022**

- Recognized in the Software Engineering course project, offering users a straightforward solution to securely share customized and unique geoCodes for their homes, offices, and more.

Champion on UIUCSE Project Showcase                                **Summer 2022**

- Qualified by excelling in the System Design and Analysis course, pioneering an innovative solution for grassroots farmers.

## PUBLICATIONS

*Jabiullah, M.R.S., Bhuiyan, M.T., Ghosh, S.K., Chowdhury, R., Jabiullah, M.I. (2019). A Study on the Challenges and Solutions of Cryptocurrency. In Proceedings of the 10th International Conference on Financial Criminology (ICFC), December 7-8, 2019, United International University, Dhaka, Bangladesh and Universiti Technologi Mara, Malaysia, pp. 34. [Online]. Available: http://www.icfc.uiu.ac.bd/*

## PROFESSIONAL EXPERIENCE

**Technical Support Engineer at PaperArt**                          **January 2024 - May 2024**
*Mohammadpur, Dhaka*

- Conducted Level 1 testing for software applications and facilitated user interactions. Generated comprehensive result reports based on user feedback and testing outcomes.
- Developed both high-level and low-level designs for software applications.

## TECHNICAL SKILLS

- Programming Languages: Java, C, 8086 Assembly
- Frame work & Tools: SQL, MySQL, JavaFX,  Git, GitHub, Docker, IntelliJ IDEA, Android Studio, Postman
- Other: Linux (Ubuntu), Windows OS

## LANGUAGES

English:  Proficient

## REFERENCES

**Prof. Dr. Swakkhar Shatabda**
Director - B.Sc. in Data Science,
United International University
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**Dr. Mohammad Nurul Huda**
Professor, Dept. of CSE & Head of Dept,
United International University
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