Tasdiqul Islam

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Education

2022-ongoing	**PhD in Computer Science and Engineering** University of Texas at Arlington (UTA) **Research Area: Quantum Information Science**
2014-2019	**Bachelor of Science in Computer Science and Engineering** Bangladesh University of Engineering and Technology (BUET)

Publications

- A Heuristic Approach for Scalable Quantum Repeater Deployment Modeling, In 2023 IEEE 48th Conference on Local Computer Networks (LCN)
- Reinforcement Learning Based Proactive Entanglement Swapping for Quantum Networking, in International Conference on Quantum Communications, Networking, and Computing (QCNC 2024)
- Efficient Quantum Key Distribution Using Multi-QubitGreenberger-Horne-Zeilinger State, as Poster in International Conference on Quantum Communications, Networking, and Computing (QCNC 2024)

Working Experiences (3.5 years)

Oct,2020 - Aug,2022	**Senior Software Engineer at Reve Systems** Developed an AI enabled live engagement platform which powers businesses to connect with their customers using Co-browsing, Video, Live Chat and Bots. . This project is in client-server architecture. Everyday almost 1 million visitor communicate with agents through this system. Worked with Java, SPRING, Javascript, Jquery, MySQL.
Jan,2019 - Sept,2020	**Software Developer at Cokreates Limited** Worked on a government project named "e-GRP" as a Software Developer of Procurement module and Budget Module. Responsibilities include requirement gathering and analysis, full stack development, deployment, managing demos and workshops Developed in Microservice architecture Worked with Spring Boot and Angular 8

Technical Skills

Programming Languages	Java, Python, C++, C
Database	Oracle, MySQL, Postgresql
Development	Spring MVC, Spring Boot, HTML, CSS, Javascript, Jquery, Angular , NodeJS
Others	Microsoft Word, PowerPoint, Excel , Outlook