Md Bulbul **Sharif**

CONTACTS

WEBSITE
https://msharif42.github.io/

LINKEDIN
https://www.linkedin.com/in/md-bulbul-sharif-16699070/

EMAIL
msharif42@students.tntech.edu

SKILLS

PROGRAMMING

- Java, C, C++, C#
- Python, R
- OpenMP, MPI, Cuda
- MySQL, Oracle

DEVELOPMENT

- Android Mobile App
- Video Game
- Parallel and HPC Application

AREAS OF EXPERTIES

- HPC
- Machine Learning
- Data Mining
- Unity3d

PROFESSIONAL SKILLS

- Problem Solving
- Application Testing
- Bug Resolution
- Communication
- Ability to Work Under Pressure
- Decision Making
- Time Management
- Continuous Learning
- Adaptability
- Self-motivation
- Teamwork

OBJECTIVES

"Skilled developer and researcher enthusiastic about supporting advancements in application development. Looking for opportunities to develop skills, gain exposure to practical work related and explore career paths to software engineering."

EDUCATION

2017 – **2022** Graduate Studies (PhD) in Computer Science
Tennessee Tech University, United States

2011 – 2016 BSc in Computer Science & Engineering
Bangladesh University of Engineering & Technology

WORK EXPERIENCE

2019 Oak Ridge National Laboratory, Oak Ridge, TN, United States
Research Intern

2018 SC18 Conference, Dallas, TX
Student Volunteer

2016 - 2017 Reve System Ltd, Dhaka, Bangladesh
Android Application Developer

ACCOMPLISHMENTS

- Developed and published six different games on Google play store. https://play.google.com/store/apps/developer?id=Knight%27s+Cave
- Best paper award of PASC 2020 conference, Switzerland.
- Best paper and Best presenter award of ICCIT 2018 conference, Dhaka.
- Eminence Awards 2019 from Tennessee Tech University for The Doctor of Philosophy Best Paper of Computer Science Department.

PUBLICATION

1. "Performance Evaluation of a Two-Dimensional Flood Model on Heterogeneous High-Performance Computing Architectures." The Platform for Advanced Scientific Computing (PASC) Conference, 2020.
2. "High-performance computing in water resources hydrodynamics." Journal of Hydroinformatics (2020).
3. "Assessing Modality Selection Heuristics to Improve Multimodal Machine Learning for Malware Detection." The Thirty-Third International Flairs Conference, 2020.
4. "Gene Selection and Clustering of Breast Cancer Data." The Thirty-Second International Flairs Conference. 2019.
5. "A System for Performance Porting of Iterative Structured Grid Applications in HPC Environments." 2018 21st International Conference of Computer and Information Technology (ICCIT). IEEE, 2018.

Complete List: https://scholar.google.com/citations?user=xe2LRGsAAAAJ&hl=en