Mohammed Latif Siddiq

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in LinkedIn ⊙ GitHub G Google Scholar

Education

University of Notre Dame, USA   **Jan 2022 – Present**
Ph.D. in Computer Science and Engineering, Dept. of Computer Science and Engineering

University of Notre Dame, USA   **Jan 2022 – Aug 2024**
Masters in Computer Science and Engineering, Dept. of Computer Science and Engineering

Bangladesh University of Engineering and Technology, Bangladesh   **Feb 2016 – Feb 2021**
Bachelor of Science in Computer Science and Engineering, Dept. of Computer Science and Engineering

Achievements

- 4,800$ grants from NSF and ACM to attend the ICSE and ASE conference from 2022 – 2024.
- Tuition scholarship including health insurance coverage and bimonthly stipends from University of Notre Dame.
- Two times Bangladesh government scholarship receiver for outstanding high school and college performance.
- Two times finalist in Samsung Coding Contest from 2018 to 2019, Bangladesh.

Experience

University of Notre Dame   **Jan 2023 – Present**
Graduate Research Assistant   *Notre Dame, IN USA*

Cummins Inc.   **Jun 2023 – Aug 2023**
Data Scientist Co-op   *Columbus, IN USA*

University of Notre Dame   **Jan 2022 – Dec 2023**
Graduate Teaching Assistant   *Notre Dame, IN USA*

REVE Systems   **Mar 2021 – Nov 2021**
Junior Software Engineer   *Dhaka, Bangladesh*

Technical Skills

Languages: Java, C, C++, Python, Matlab, Dart, Shell
Database: Oracle, MySQL, SQLite, MongoDB, Firebase
Operating Systems: Windows, Ubuntu 20.04, Windows Server 2016, Mac OS Monterey, CentOS 7/RedHat
Version Control: Git(GitHub, Bitbucket, Gitlab), TFS(Azure DevOps)
Frameworks: Vue.Js, JSP, Flutter, JavaFX, Node.js, Django, Java servlet
Web Technology: HTML, CSS, Rest API, JSON, XML
Cloud: EC2, S3 Bucket, Azure
Technical Writing: LaTeX, Beamer, Overleaf
Miscellaneous: Gradio, Langchain, Databricks, Google Apps Script, Software Defined Networking, PyTorch, OpenGL, Weka, Mininet, NS2

Selected Publications

56th **ACM Technical Symposium on Computer Science Education (SIGCSE TS)**   **2025**
Large Language Models in Computer Science Education: A Systematic Literature Reviews, Nishat Raihan,
Mohammed Latif Siddiq, Joanna C. S. Santos, and Marcos Zampieri

28th **International Conference on Evaluation and Assessment in Software Engineering (EASE)**   **2024**
Using Large Language Models to Generate JUnit Tests: An Empirical Study, **Mohammed Latif Siddiq**, Joanna
C. S. Santos, Ridwanul Hasan Tanvir, Noshin Ulfat, Fahmid Al Rifat, and Vinicius Carvalho Lopes

32nd **IEEE/ACM International Conference on Program Comprehension (ICPC)**   **2024**
Understanding Regular Expression Denial of Service (ReDoS): Insights from LLM-Generated Regexes and Developer Forums, **Mohammed Latif Siddiq***, Jiahao Zhang*, and Joanna C. S. Santos (*Equal contribution)