

Mohammed Latif Siddiq

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EDUCATION

UNIVERSITY OF NOTRE DAME

PH.D. IN COMPUTER SCIENCE
Ongoing | Notre Dame, IN USA

BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY

BS IN COMPUTER SCIENCE
Feb 2021 | Dhaka, Bangladesh
CGPA: 3.46/4.00

LINKS

[linkedin.com/in/lsiddiqsunny](https://www.linkedin.com/in/lsiddiqsunny)
twitter.com/lsiddiqsunny
github.com/lsiddiqsunny

COURSEWORK

Secure Software Engineering
Undergraduate
Computer Security • Fault Tolerant Systems • Introduction to Bioinformatics
• Machine Learning • Pattern Recognition

SKILLS

Technical

Java • C • C++ • Python • Matlab • Shell
Database

Oracle • MySQL • SQLite • MongoDB

OS Experience

Ubuntu 20.04 (Personal) • CentOS
7/RedHat • Mac OS Monterey • Windows

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

Other

Google Apps Script • Software Defined Networking • PyTorch • OpenGL • Weka
• Mininet • NS2 • IBM WALA

EXPERIENCE

UNIVERSITY OF NOTRE DAME | GRADUATE TEACHING ASSISTANT

January 2022 – Present | Notre Dame, IN USA

- Creating and grading solution with addition of holding teaching hour for CSE 30321 Computer Architecture.

REVE SYSTEMS | JUNIOR SOFTWARE ENGINEER

March, 2021 - November, 2021 | Dhaka, Bangladesh

- Working on enterprise software for Bangladesh Parliament Secretariat.
- **Tech stack:** Java servlet, JSP and MySQL.

PUBLICATION

BERT-Based GitHub Issue Report Classification, Mohammed Latif Siddiq, and Joanna C. S. Santos, 1st Intl. Workshop on Natural Language-based Software Engineering Co-located with ICSE 2022,

SQLIFIX: Learning Based Approach to Fix SQL Injection Vulnerabilities in Source Code, Mohammed Latif Siddiq*, Md. Rezwanur Rahman Jahin*, Mohammad Rafid Ul Islam, Rifat Shahriyar, and Anindya Iqbal, 28th IEEE International Conference on Software Analysis, Evolution and Re-engineering (SANER 2021) (*Equal contribution)

RESEARCH PROJECTS

Case Study: Wireshark | Open Source Project, Threat Modeling, CVE | March 2022

Telemedicine Sectors in Bangladesh | User-Centric Design, Human-Computer Interaction, Survey | September, 2021

Detecting Security Bugs in GitHub Codes from the IoT Domain | Python, Deep Learning, GHTorrent | July, 2021

Online Text Clustering for MOOCs | Python, Deep Learning, Online Algorithm, Django, Nuxt | April, 2021

Bangla Image Captioning Captured by Blind People | Keras, TensorFlow, Python, AWS | December, 2020

Detecting Number of TCP and UDP Flows in SDN by ML | Machine Learning, Networking SDN, OpenFlow Protocol, Mininet, IPERF, Weka | November, 2020

RECOGNITIONS

2022

2022

2021 Top 30

2019 5th Among Bangladeshi Teams

2018 4th Among Bangladeshi Teams

2018,19 Finalist

2017 Winner

NSF Travel Grants for ICSE 2022

Melchor Fellowship

AI For Bangla

Google Hashcode

IEEEEXTREME 12.0

Samsung Coding Contest

Tech for Peace Hackathon