



S M Hasan Mansur

🏠 3141 Bayswater Ct, Fairfax, VA 22031
☎ 571-354-5264
✉ smhasanmansur@gmail.com
🌐 <https://github.com/hasanmansur>
🌐 <https://www.linkedin.com/in/smhasanmansur/>

PhD student in Computer Science with a research focus on developing automated approaches to support Software Engineering process

Research Interests

Software Engineering, HCI, Deep Learning, Computer Vision

Education

George Mason University

PhD student | Computer Science
Advisor: Dr. Kevin Moran
Aug 2018 - Present

Shah Jalal University of Science & Technology, Bangladesh

Bachelor's | Computer Science
Apr 2002 - Apr 2007

Publications

Tyler Wendland, Jingyang Sun, Junayed Mahmud, **S M Hasan Mansur**, Steven Huang, Kevin Moran, Julia Rubin, Mattia Fazzini. *AndroR2: A Dataset of Manually-Reproduced Bug Reports for Android apps*. MSR 2021. <https://arxiv.org/abs/2106.08403>

Technical Skills

- Python, PyTorch, OpenCV
- Javascript, Node.js/Express.js
- MySQL, MongoDB, Redis, Elasticsearch
- Git, Docker, AWS
- REST API, Microservices Architecture, Test Driven Development

Experience

George Mason University, Graduate Research Assistant

May 2021 - Present

- Developing automated approaches for detecting deceptive UI designs to protect users from designs with malicious intent, and guide the developers in complying with the ethical design principles

George Mason University, Graduate Teaching Assistant

Aug 2018 - May 2021

- Assisted the course instructor in mentoring students, grading assignments and proctoring exams

Ice9 Interactive, Bangladesh, Software Engineer

Apr 2017 - Jul 2018

- Developed social media query management and analytics modules in 'smashboard.co' with Node.js-MySQL-Redis-Socket.IO stack

Synchronous ICT, Bangladesh, Software Engineer

Feb 2015 - Apr 2017

- Developed multiple back-end modules of an in-house project with Node.js-MongoDB-Redis-Elasticsearch stack

Dcastalia, Bangladesh, Software Engineer

Aug 2013 - Jan 2015

- Developed and published 'HE Business Manager' - an Android application for inventory management of healthcare products

Daimler AG, Germany, Student Intern

Oct 2012 - Jul 2013

- Developed a Key-Value pair parser using C language which achieved 30% less execution time compared to the previous Python implementation

Grameenphone Ltd, Bangladesh, System Engineer

Jul 2007 - Feb 2011

- Configured and optimized the transmission and core network serving over 20 million users