

Fahmid Morshed Fahid

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EDUCATION

- **North Carolina State Univeristy** Raleigh, NC
PhD in Computer Science; Supervisor: Dr. Tim Menzies Aug. 2018 – Present
- **Bangladesh University of Engineering & Technology** Dhaka, Bangladesh
B.Sc in Computer Science & Engineering; GPA: 3.59/4.00 Mar. 2011 – Feb. 2017

RESEARCH

- **Identifying Self Admitted Technical Debt (Dr. Menzies - on going)**
Finding SATD using active learning, optimization and classification techniques in source code.
- **Mining StackOverflow for similarities between posts (Dr. Menzies)**
Determine post similarities (90% F1 Score) at least 2 Times faster than state-of-the-art using a simpler approach of FLASH tuned SVM DUO.
- **Comparing Matplotlib & Plotly as Visualization Libraries**
Study show Matplotlib is stable, simpler and less resource hungry than Plotly.

EXPERIENCE

- **North Carolina State University** Raleigh, NC
Teaching Assistant, CSC216 Aug. 2018 - Present
 - **Instructor for Section 221:** Instructing Lab Section 221, Grading & other office works
- **Reve Systems Ltd.** Dhaka, Bangladesh
Software Engineer Mar. 2017 - Jul. 2018
 - **Responsibilities:** Full Stack agile development using Java Sturts, MySQL, JavaScripts with Ajax & Bootstrap. Linux server maintenance. Different APIs.
 - **Projects:** Reve VOIP Billing, DEMRS, SmartPay, Reve CRM & other live projects

AWARDS

- **Microsoft Imagine Cup 2015, Bangladesh** Dhaka, Bangladesh
WINNER — Mommy Ring 2015
- **National Hackathon 2015, Bangladesh** Dhaka, Bangladesh
FINALIST — Environment Hub 2015

TECHNICAL SKILLS

- **Language:** Java, Python, C++, JavaScript, PHP, HTML, CSS, Assembly, UML, BASH
- **Library & Framework:** Scikit-learn, Gensim, NLTK, Sturts, POI, Ajax, JQuery, JUnit
- **Database:** Oracle RDBMS, MySQL
- **Hardware:** Aurdino (Uno and Mega), Intel 8086