

AKOND ASHFAQUE UR RAHMAN

PRESENT ADDRESS

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WORLD WIDE WEB

Github
Google Scholar
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EDUCATION

Doctor of Philosophy in Computer Science
North Carolina State University, Raleigh, NC, USA
Adviser: Dr. Laurie Williams
G.P.A: 3.94/4.00

Master of Science in Computer Science and Engineering
University of Connecticut, Storrs, CT, USA
G.P.A: 3.80/4.00

PROFESSIONAL EXPERIENCE

ABB Corporate Research, USA Software Research Intern May 2015 - Aug 2015

I implemented a software framework that detects similarity amongst software applications by converting software artifacts into natural language tokens. To implement the project I used SrcML.NET, Swum.NET, and Python Natural Language Toolkit. To facilitate performance gain and scalability I used Apache Spark with Python. I also actively collaborated with the full time members and interns of the Software Architecture, and Industrial Software Engineering teams at ABB Corporate Research.

Dohatec New Media, Bangladesh Software Engineer Jan 2010 - Jun 2011

I created a Java-based multi-modal software development kit in Java that included biometrics. I was also responsible in programming, testing, and maintaining ASP.NET websites for different government agencies of Bangladesh.

ACADEMIC EXPERIENCE

NCSU, USA Teaching Assistant Aug 2014 - Dec 2015

I was a teaching assistant for *Software Security*, a graduate level course and *Operating Systems for Computer Scientists*, an undergraduate level course conducted in the Department of Computer Science at North Carolina State University (NCSU).

UConn, USA Graduate Assistant Jan 2012 - May 2014

As a graduate assistant my responsibilities included working as a teaching assistant, research assistant, and a helpdesk person for the School of Engineering at University of Connecticut (UConn).

TECHNICAL SKILLS

Programming Languages ASP, Bash, C, C#, CSS, HTML, Java, PHP, Python, SQL
Data Analysis Tools Apache Spark, Matlab, Microsoft Excel, R Studio, SciKit
Database Tools Microsoft SQL Server (v. 2005, 2008), MySQL Server(v. 5.0, 5.5)
DevOps Tools Git, Jenkins, JUnit, Vagrant
Development Kits Android SDK, Cloud9, Eclipse Plugin Development Kit (PDK), Wordpress
IDEs Anaconda (v. 2.3), Eclipse (v. 3.5, 4.4, 4.5), Microsoft Visual Studio (v. 2005, 2008, 2013)