

Mohammed Emtiaz Ahmed

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EDUCATION

Doctor of Philosophy in Computer Science Fall 2015 - Present
University of Houston - Houston, Texas

Bachelor of Science in Computer Science & Engineering 2008 - 2012
Khulna University of Engineering & Technology (KUET) - Bangladesh

EXPERIENCE

Research Assistant Sept 2017 - Present
Computational Physiology Lab (<http://cpl.uh.edu/index.php>)
Department of Computer Science, University of Houston – Houston, Texas

Teaching & Research Assistant Sept 2015- Aug 2017
Department of Computer Science, University of Houston – Houston, Texas

- TA of course COSC 3320 (Algorithm and Data Structures) and COSC 1410 (Introduction to Computer Science).

Software Engineer July 2012 – May 2015
Samsung R&D Institute Bangladesh (SRBD) – Dhaka, Bangladesh
Mobile Division (Android Platform)

- Analyzed issues and fixed in 100+ models of Samsung smartphones and tabs.
- Collaborate closely with Korean engineers to plan, design and developed robust solutions.
- Support project management team for smoothly delivered projects.
- Communicate effectively with testing teams to ensure software solutions elevated user side experience.
- Modified existing software to correct errors, upgrade interfaces and improve performance.
- Implemented new concepts in Launcher, Ultra power saving mode, Dynamic lock screen, Wallpaper picker and Emergency launcher in my collaboration work with Samsung electronics, South Korea.

RESEARCH INTERESTS:

Data Science, Data Visualization and Human Computer Interaction

SKILLS:

Programming Languages:	C, C++, Python, Java, C#, Scala, Ruby, Groovy
Mobile Programming:	Android
Web Programming:	JavaScript, HTML, CSS, ASP
Parallel Programming:	MPI, Open MPI
Databases:	MS SQL, PostgreSQL, Oracle, MySQL
Tools:	Eclipse, Visual Studio, Git, SVN, WebStorm, RStudio, Latex, Microsoft word, Excel
Visualization Tools:	D3.js, Gephi

RELEVANT COURSEWORK

- Algorithm and Data Structures
- Database Systems
- Programming Paradigm
- Machine Learning
- Parallel Computing
- Adv. Numerical Analysis
- Distributed Algorithms
- Operating Systems

PUBLICATION

[1] Mohammed Emtiaz Ahmed¹, “Bar 1-visibility representation of optimal 1-planar graph”, published in EICT 2013. IEEE xplora DOI : 10.1109/EICT.2014.6777827

INTERESTS / HOBBIES

- Sports: Cricket, Soccer
- Traveling
- Photography
- Reading Tech topics