
PROFILE

- Have more than 2 years of industry experience.
- Received BS and MS(Expected August) Degrees in CS.
- Worked as a teaching assistant for more than a year.

EDUCATION

UTEP. M.S. in Computer Science(Expected August 2016). GPA: 3.85.

Thesis Title: Customer's Electricity Demand Prediction in PowerTAC competition Using Machine Learning.

BUET. BS in Computer Science (Awarded April 2012).

PROFESSIONAL EXPERIENCE

Teaching Assistant	University of Texas at El Paso	May 2015 – July 2016
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Worked as a teaching assistant for data structure and algorithm course. Helped and graded on the average of 50 students with their labs and course works each semester. Introduced online groups, created programming clubs, wrote blogs and delivered talks related to technology voluntarily to help the students. Was able to increase the success rate of the students than the past times.

Research Assistant	IASRL, UTEP	June 2015 - Present
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Developed data driven electricity prediction component for smart grid related international competition, Power-TAC. Was able to reduce the prediction error from 70% to on the average of 30%. Java, Weka.

Research Assistant	ISG, UTEP	August 2014 - May 2015
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Developed necessary tools to collect data, analyze it and visualize results to figure out how actions affect prosody. Matlab, Linux shell scripts, C#, Java.

OTHER EXPERIENCES

Software Engineer	Mir Technologies	August 2013 – June 2014
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Designed and developed an VoIP dialler app for iOS by analyzing an existing android app. Objective-C, C++.

Software Engineer	Hi-Tech Bangla, Inc	June 2012 – July 2013
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Worked in a team to design and develop a radar simulator for Bangladesh Air Force. Java.

Intern Software Engineer	Structured Data Systems Limited	December 2011 – June 2012
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Decrement power consumption by smartly controlling GPS, fixed bugs, added functionalities to an existing android app. Java.

PROJECTS

- **Phone Based Coffee Ordering System** (2015). An automated system that receives the phone call of a customer, gives them a menu, takes order from them and notifies the authority. PHP, MySQL, VXML.
- **Automated Poker Playing Agent** (2015). A successful poker playing agent (first place) for the tournament of Artificial Intelligence class. Java, Breadth First Search.
- **Enigma Simulator** (2016). Developed world war 2 cryptographic device simulator. Hobby project. Java.
- **Healthy Work** (2016). Developed a smartwatch app that reminds the user to take break after a certain period of computer usage to prevent overuse injury. Hobby project. C++.

SKILLS

- Java(Proficient); C++; C; Objective-C; SQL.
- Eclipse; XCode; Visual Studio.
- Windows; Mac OS; Linux.