Himanshi Bhardwaj

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EDUCATION

Northeastern University, Boston, MA | Jan 2015 - Present
Candidate for Master of Science in Computer Science, GPA: 3.47/4.0 | Expected Graduation: May 2017
Related Coursework: Parallel Data Processing Using MapReduce, Computer Systems, Information Retrieval, Web Development, Algorithms, Database Management, Advanced Software Development

Ambedkar Institute of Technology, Delhi, India | May 2013
Bachelor of Technology in Electronics and Communication, GPA: 3.8/4.0

TECHNICAL KNOWLEDGE

Languages: Swift, Python, Java, C, Shell script, Visual Basic
Web Technologies: HTML, JavaScript, CSS, MEAN Stack
Certifications: Programming in HTML5 with JavaScript and CSS3, Programming in C#, Advanced Windows Store App Development using HTML5 and JavaScript

WORK EXPERIENCE

Northeastern University, Boston, Massachusetts, USA
Teaching Assistant, CS3650 Computer Systems | Fall 2016
Teaching Assistant, CS4800 Algorithms and Data | Spring 2017
- Assisted 220 students in both classes with understanding of course concepts and graded exams and assignments

New York Life Insurance Company, New York, USA | Jan 2016 - Aug 2016
iOS Developer Intern
- Designed the new iOS Application for New York Life, from scratch, using Swift 2.0
- Developed and handled the entire front-end of the app solely
- Implemented various security features such as Docu sign, finger print authentication to access sensitive data
- Enabled user friendly features including Apple pay and driver's license scanning for pre-filling of user info
- Integrated Amazon Web Services including AWS Lambda, DynamoDB, SNS and S3 with the iOS Application

Samsung Research Institute, Noida, India | June 2013 - Dec 2014
Software Developer
- Led a team of four Engineers, enhancing the Samsung Music Player application for official Samsung OS upgrade from Android 4.3 to Android 4.4.2 version for North America region Samsung Mobile devices
- Created a software which fills 85% memory of Samsung Mobile phones, to test behavior of phones under stress

PROJECTS

In-Class:
- MedNet: iOS Application to enable its users to seek/volunteer for medical help. *Source code: bit.ly/med-net*
- Bit-Phone: Website to buy a phone via Bitcoin or Flipkart using MEAN Stack. *Source code: bit.ly/bit-phone*
- Sentiment Analysis: Classifies unseen data into positive/negative reviews. *Source code: bit.ly/sentimental-analysis*
- Search Engine using BM25 ranking algorithm. *Source code: bit.ly/search-engine-bm25*

Outside:
- Wireless display/screen mirroring using Raspberry Pi
- A fully functioning Amazon echo like device using alexa skill set on Raspberry Pi
- Ported and configured Linux on ARM Cortex-A8

AWARDS AND ACTIVITIES
- Won one of the Imagine Cup quizzes organized by Microsoft (2014)
- Awarded "Champ performer of the year" at Samsung, in Delhi region during Annual function (2014)
- Won Blackberry hack-a-thon in India region and represented the country in the Thailand finals (2012)
- Mentored 300+ students of IIT Delhi, India at "code.fun.do", a 2 day workshop+appathon by Microsoft (2013)