

Himanshi Bhardwaj

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EDUCATION

Northeastern University, Boston, MA

May 2017

Master of Science in Computer Science, GPA: 3.54/4.0

Related Coursework: Advanced Software Development, Algorithms, Computer Systems, Database Management, Information Retrieval, Parallel Data Processing Using MapReduce, Web 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:

- Developed a 2048 game application on iOS. *iTunes link: bit.ly/app-on-itunes-2048*
- Wireless display/screen mirroring using Raspberry Pi
- A fully functioning Amazon echo like device using alexa skill set on Raspberry Pi

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)