**Himanshi Bhardwaj**

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**Available: July 2017**

**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*](http://bit.ly/med-net)
* Bit-Phone: Website to buy a phone via Bitcoin or Flipkart using MEAN Stack. *Source code:* [*bit.ly/bit-phone*](http://bit.ly/bit-phone)
* Sentiment Analysis: Classifies unseen data into positive/negative reviews. *Source code:* [*bit.ly/sentimental-analysis*](http://bit.ly/sentimental-analysis)
* Search Engine using BM25 ranking algorithm. *Source code:* [*bit.ly/search-engine-bm25*](http://bit.ly/search-engine-bm25)

**Outside:**

* Developed a 2048 game application on iOS. *iTunes link:* [*bit.ly/app-on-itunes-2048*](http://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)