

## CHINMAYEE VAIDYA

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Certification: Oracle Java Associate: 1Z0-803

Available: May 2016 – December 2016

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### EDUCATION

**Northeastern University**, Boston, MA

College of Computer and Information Science

Candidate for Master of Computer Science in Computer Science

Related Courses: Fundamentals of Computer Networks, Algorithms, Information Retrieval, Web Development

Jan 2015 – Present

**May 2017**

**University of Mumbai**, Mumbai, India

Bachelor of Engineering in Computer Engineering

Related Courses: Artificial Intelligence, Computer Graphics, Mobile Computing, Microprocessors

Aug 2014

### TECHNICAL SKILLS

Certifications:

Oracle Java Associate

Programming Languages:

Java, Python, C

Web Technologies and Frameworks:

HTML5, CSS3, JavaScript, Bootstrap, Node.js, jQuery, AngularJS, NodeJS, REST

Operating Systems:

Linux, Windows, MacOS

Databases:

Oracle, MySQL, MS Access, NoSQL, MongoDB, SQL Server 2012

Development Tools:

Git, NetBeans, Eclipse, Mongoose

### PROFESSIONAL EXPERIENCE

**Kotak Mahindra Bank**, Mumbai, India

Data Center Intern

Aug 2013 – Oct 2013

- Created daily/weekly/monthly server performance reports with proactive monitoring
- Tracked and analyzed all critical data associated with the client and worked with their networking team
- Diagnosed issues encountered in the server performance report

### ACADEMIC PROJECTS

**Northeastern University**, Boston, MA

**Restaurant Search Website:**

Feb 2015 - Present

- Developed a Restaurant Search website to search for restaurants all over USA using web technologies like HTML5, CSS3, Bootstrap, AngularJS, NodeJS
- Used MongoDB as database and REST architecture was used for interaction between client and server (Website: <http://cs5610-vaidyachinmayee.rhcloud.com/project/client/index.html#/home>)

**Page Rank:**

- Implemented Google's Page Rank algorithm in Java to compute rank on collection of 183,811 documents
- Tested for convergence by considering perplexity of Page Rank distribution

**Raw Socket:**

- Implemented TCP/IP protocol using Raw Sockets in Python
- Built and parsed TCP, IP and HTTP headers, for sent and received packets and implemented TCP (handshake, communication and termination) while providing reliable, ordered and error-checked delivery of data to HTTP

**Build your own CDN:**

- Built a CDN in Java which comprised of a DNS server redirecting the client to the nearest replica server with the fastest response time and HTTP server was used to cache content
- Tested for Amazon EC2 servers located all over the world

**Web Crawler:**

- Developed a Java application to crawl, a social networking site 'Fakebook'
- Tested the web crawler for 30,000 Wikipedia pages to execute focused crawling

### RESEARCH PUBLICATIONS AUTHORED

Intelligent Detection of Phished Websites using Fuzzy data mining

(International Journal of Innovative Research in Computer Science and Technology (IJIRST))

Link: <http://goo.gl/29D9qm>

May 2014

### INTERESTS

Head of Events of Computer Society of India (2013-2014), swimming, travelling, reading and cooking