

Raghavprasanna Rajagopalan

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Available: January – June 2018

Education

NORTHEASTERN UNIVERSITY

FALL 2015 - PRESENT

College of Computer and Information Science

Candidate for a Bachelor of Science in Computer Science and Biology and minor in Mathematics, 2019

Related Courses: Computer Systems, Object-Oriented Design, Algorithms + Data, Genetics + Molecular Biology

GPA: 3.52/4.0 **Honors:** Dean's List

Computer Knowledge

Languages: Java, HTML, CSS, Racket (Scheme), ACL2s, C, R, JavaScript, SQL

Topics: JDBC, JMX, Reflection, JAXB, Apache Ant, J2EE, JSP, Log4j, JSON, REST

Frameworks: Tomcat, Microsoft SQL Server, Spark java, Angular JS, Angular, MongoDB

Certifications: EMC Data Science Associate, ITIL Foundations in Service Management

Work Experience

SOFTWARE ENGINEERING CO-OP | CHARLES RIVER DEVELOPMENT | JAVA FRAMEWORKS TEAM

JANUARY 2017 - JUNE 2017

BURLINGTON, MA

- Built a highly configurable monitoring tool that can be used to monitor a cluster of application servers. It is actively being used to collect data on regularly occurring server performance tests. [01/17 - 04/17]
- Built a lightweight & efficient API verifier to preserve backwards compatibility with each release of the Java Client API. The tool is integrated with the build cycle, and can also be run alone. [04/17 – 05/17]
- Supported enhancements and resolved issues related to the application server and business logic that runs on the server. [01/17 – 06/17]

COLLEGE INTERN | EMC EDUCATION SERVICES (ES) | PROVEN PROGRAM TEAM

MAY 2016 – DECEMBER 2016

FRANKLIN, MA

- Built an application (Java) to convert product exam certification descriptions to a newer format; led to 70 exam templates being updated and going live on ES landing page. [06/16]
- Analyzed (Excel) certification and monthly invoice data to determine where/why losses incurred; resulted in a change in how product exams were ordered. [07/16]
- Designed a configurable formula that can determine whether a product exam is no longer secure, given aggregate exam data (MS Access), by detecting answer patterns; used to assess product exams' security.

PHARMACY TECHNICIAN (REGISTERED) | PARTNERS PHARMACY

APRIL 2015 - MAY 2016

MARLBOROUGH, MA

- Packaged Schedule IV and V prescription medication, working with compounds, liquids, medical kits, and bulk medicine.
- Obtained Pharmacy Technician registration, and learned Health Insurance Portability and Accountability Act (HIPAA) regulations and lab safety methods.

Projects

SLACK BOT (JS)

AUGUST 2017 - PRESENT

Currently building a chatbot (for the Slack messaging platform) that provides an easy way of getting air travel (flight) information. Used NodeJS, Slack API, StdLib.

TITANIC MACHINE-LEARNING (R)

JULY 2016 – DECEMBER 2016

Developed a machine-learning algorithm to correctly predict whether a given person would have survived on the Titanic. Used RStudio, ggplot2. (Done for the purpose of learning R)

Interests

Learning Languages (Sanskrit, Latin), literature, kayaking, running, *League of Legends*, *Game of Thrones*