

RAYMOND CHAVEZ III

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🛡️ Secret Clearance

EDUCATION



BOSTON UNIVERSITY Boston, MA

Bachelor of Arts, Computer Science

September 2013 – January 2017

Selected Coursework:

- ♦ Algorithms (Theory)
- ♦ Data Structures (Java)
- ♦ Computer Systems (C)
- ♦ Artificial Intelligence (Java)
- ♦ Computational Audio (Python)
- ♦ Software Engineering (Various)
- ♦ Probability and Statistics (Python)
- ♦ Geometric Algorithms (Linear Algebra, Java)

RELEVANT WORK EXPERIENCE

DRAPER LABORATORY Cambridge, MA

Software Engineer | March 2017 – Present

- ♦ Design and develop full stack applications for various government and commercial clients, where I advise and interface directly with stakeholders as a technical and team leader throughout the software development lifecycle.
- ♦ Contribute to various open source incubator efforts within the Apache Software Foundation.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY LINCOLN LABORATORY Lexington, MA

Software Engineer 3 | Consultant at Digital Prospectors | September 2016 – Present

- ♦ Devise and implement a database-driven information support application for the rapid assembly of high-reliability military and space hardware systems within the laboratory's fabrication engineering division.
- ♦ Lead the development of this web application with an Angular 7 and Bootstrap-powered frontend, Express.js and Node.js-powered backend, and SQL Server database for group engineers to quickly interface with assembly data.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY Cambridge, MA

AAUDE Data Warehouse Intern | August 2015 – May 2016

- ♦ Designed tables and views for an Oracle database and modernized the infrastructure for transforming and loading data using a series of Python and SQL scripts.
- ♦ Implemented dynamic web applications for AAUDE users to quickly retrieve, modify, and analyze data stored in the warehouse.

RAYTHEON BBN TECHNOLOGIES Cambridge, MA

Distributed Systems Intern | May 2015 – August 2015

- ♦ Implemented new features for an Attack Surface Reasoning (ASR) defense system. The primary components of ASR that I worked with were the web frontend (Javascript and HTML), the computational backend (Java, OWL, Jetty and SPARQL) and data stores (OWL ontologies and JENA TDB).
- ♦ Improved on a system that displayed models in D3 characterizing the functional components of a defense system supporting mission critical tasks for a US military client. This was done through the implementation of scanning support for local network model imports, realtime network scanning, and remote network scanning for process/user discovery (TShark, OSQuery, NMap).

LUCKY DAY Boston, MA | Los Angeles, CA

Cofounder and Web Developer | May 2014 – September 2014

- ♦ Featured on Forbes (onforb.es/248XoRy), I brainstormed the iOS app's initial concept and implementation alongside cofounder Joshua Javaheri.
- ♦ Created and maintained a website (www.luckydayapp.com) where users can find information related to the app, including an interactive iPhone emulator and signup for early access.

MEGAHIT RENTALS El Paso, TX

Founder | September 2011 – May 2015

- ♦ Led a team of developers and hardware engineers in creating an even more affordable alternative to Redbox movie kiosks in disadvantaged neighborhoods.
- ♦ Updated movie inventory weekly using MySQL and handled customer service phone calls/emails daily using a custom ticketing system.

