

**PROGRAMMING
SKILLS****Primary: Java, Python****Secondary:** Ruby, Rails, JavaScript, MySQL, PHP**Learning:** Machine Learning, React, Angular, MATLAB**EXPERIENCE****Cloud Database Developer** - Capital One Capstone Sept 2016 - April 2017

- Using AWS and Cassandra (active-active database) to improve response time and resilience between clusters on the east and west coast
- Exploring solutions to the issues active-active databases cause within a bank

Full Stack Developer - CarLotz

Feb 2016 - June 2016

- Retooled Ruby on Rails codebase to keep 8 business partners updated
- Hosted software on Azure to process 400 daily customer price updates
- Maintained and upgraded customer portal to improve user experience
- Made queries and scheduled programs to send 2,000 email updates a week
- Integrated a software solution to track customer satisfaction for 800 customers
- Created 10 MySQL triggers to process and onboard 1,000 new customers
- Created logs to ensure consistency and monitor changes to customer data

Software Engineer Intern - Carlotz

May 2015 - Feb 2016

- Used third party app to scrape data on 12,000 comparable cars daily
- Designed and implemented database edits to handle scraped data
- Sanitized scraped data and synced the Microsoft Dynamics CRM dataset with the updated MySQL database using a third party application
- Automated document generation of 20 forms required to buy and sell a car

Database Intern - EngageMore

July 2014 - Aug 2014

- Created MySQL queries to detect at-risk clients and prevent customer attrition
- Used AJAX and PHP to create a customer risk ranking page

Full Stack Intern - LionLike

Nov 2013 - June 2014

- Improved an online shopping cart with PHP, MySQL, and JavaScript
- Recognized the need for and implemented server side checkout processing
- Created online checkout system using PHP and the Authorize.Net API
- Wrote PHP to track 2 buses in real time through GPS

**PERSONAL
PROJECTS**

Completing Andrew Ng's machine learning course on Coursea	Present
Creation of library service to alert students of equipment availability	Present
Hackathon image-subimage matching challenge winner	Sept 2016
President of RamDev, a knowledge sharing comp-sci club	Fall 2015
Proof of concept game learning backpropagating neural network	March 2015

EDUCATION

Bachelor of Science, Computer Science with a Certificate in Data Science
Virginia Commonwealth University, Richmond, VA

May 2017