

## Objective

A recent new grad looking to land a full-time position in a software engineering role where I can learn, contribute and grow

## Experience

### TRC, Companies Inc., Woodbridge NJ – Intern

May 2018 – August 2018

- Built a scalable platform to automate data processing and data entry using Python, Selenium API
- Developed process flows for database systems implemented for CRM software
- Assisted in adding and customizing various features for CRM system and upgrading test and product databases for new fiscal year programs - worked with JavaScript, Python, SQL, CRM and JIRA

## Education

### Rutgers University, New Brunswick NJ

GPA: 3.6

Bachelor of Science in Computer Science: Graduated December 2018

## Projects

### • Map Search

January 2018 – March 2018

- Developed a map searching application, similar to a popular map searching application like Google maps, to find, track and optimize the possible shortest route
- Implemented a search algorithm by utilizing space-optimized A\* algorithm and heuristic values for better performance
- Coded using Java programming language

### • Image Processing

February 2018 – April 2018

- Developed an application to determine object detection
- Utilized the provided data set to determine the correct frequencies
- Architected the design of the application using Python programming language
- Implemented the applied algorithm using machine learning modules from namely Scikit-learn API and Bayes Theorem

### • Bit Torrent Client

September 2017 – October 2017

- Developed an app that optimizes the process of sending small encrypted data packets securely
- Implemented TCP to move data in small packets from server to server
- Transferred data is sent securely through use of encryption keys
- Coded using Python and provided modules from socket server framework

### • Chess

November 2018 – December 2018

- Designed a functional application built on Android platform allowing user to play a game of Chess.
- It includes a well-designed graphic interface to enhance user experience for easy navigation
- Implemented using Android (Gradle) and Javafx

## Technical Skills

### Programming Languages

Java (Proficient)	HTML/CSS (intermediate)	SQL (Beginner)
Python (Intermediate)	Android Programming (Intermediate)	JavaScript (Beginner)
C (Intermediate)	C++ (Beginner)	

**Operating Systems:** Windows, Unix/Linux

**Tools/Frameworks:** AWS, EC2 instances & RDS, Git, PyCharm, Putty, Eclipse, Selenium, Scikit-learn, Matplotlib, BitBucket, Gradle, CRM, JIRA, Scenebuilder, Vim

## Courses

Algorithm & Design, Architecture & Assembly, Data Structures, Principles of Programming Languages, Computer security, Data Management, Intro to Artificial Intelligence, Systems Programming, Internet Technology, Software Methodology