

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 and Java modules
- **Image Processing** February 2018 – April 2018
 - Developed an application to determine whether an image is a face or a digit
 - Utilized the provided data set to determine the correct frequencies
 - Architected the design of the application using Python programming language
 - Facilitated the applied algorithm using machine learning modules namely Scikit-learn API, Matplotlib 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 socket server module
- **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