

Education

Rutgers University, New Brunswick NJ

Bachelor of Science in Computer Science: Expected graduation: January 2019

Experience

TRC, Companies Inc., Woodbridge NJ – Intern

May 2018 – August 2018

- Developed a python script to automate data entry and simplify data processing
- 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

BestBuy, Manalapan NJ - Customer Service Specialist

October 2014 – January 2017

- Provided consultation and computer diagnostics to clients on hardware and software issues
- Managed business operations for customers, including but not limited to: Account merge, order placement on phone, bill payments on account and credit

Projects

- **Grid Search** – Finds and tracks the shortest route on a map by implementing space-optimized A* search algorithm and using heuristic values for better performance, implemented using Java
- **BitTorrent** - TCP application to send and receive files in small data packets encrypted by a set of keys to ensure data integrity, implemented using Python
- **Img Processing** – App that recognizes image of faces and digits utilizing the provided data bulk, implemented using Python, scikit api and followed Bayes Theorem
- **File Sharer** - User to user application to send and receive messages and files, keeping IP logs and user permissions of the users, implemented using C on UNIX-based system

Skills

Languages: Java, C, C++, HTML, CSS, Python, MySQL

Tools/Frameworks: Git, Vim, PyCharm, Putty, Eclipse, Selenium, scikit-learn, Matplotlib, CRM software