

# Rizwan Khan

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## Education

**Rutgers University, New Brunswick NJ**

Bachelor of Science in Computer Science: Graduated December 2018

**GPA:** 3.6

## Experience

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

May 2018 – August 2018

- Built a scalable platform to automate data processing and data entry using Selenium API, Python, CRM
- 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

- **Map 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
- **Bit Torrent Client**- TCP application to send and receive files in small data packets encrypted by a set of keys to ensure data integrity, implemented using Python
- **Image Processing** – Developed an 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
- **Chess** – Fully 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

## Skills

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

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