

# Rizwan Khan

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[rizhkh.github.io](https://rizhkh.github.io)

## Education

**Rutgers University, New Brunswick NJ**

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

## Experience

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

May 2018 – Present

- Developed a python script to automate data entry to simplify data entry process
- Developed process flows and designs for database system implemented for CRM software
- Utilized provided resources to upgrade test and product databases for new fiscal year programs

**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 A\* search 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
- **ImgProcessing** – 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

## Skills

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

**Tools/Frameworks:** Git, Vim, PyCharm, Putty, Eclipse, CRM software