Muhammad Rizwan Khan

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Education

Rutgers University, New Brunswick NJ
Bachelor of Science in Computer Science: Expected graduation: December 2018
GPA: 3.5, CGPA: 3.3

Experience

TRC, Companies Inc., Woodbridge NJ – IT Intern   May 2018 – Present
- Helped in upgrading their test and product databases
- Developed process flows and designs for database system
- Worked with the software engineering team to insure data security for databases

BestBuy, Manalapan NJ - Customer Service Specialist   October 2014 – January 2017
- Provided consultation and computer diagnostics to clients
- 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

- **Image Processing** – App that recognizes faces and digits using data bulk to determine correct labels through Bayes theorem, implemented using Python and scikit api

- **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, Racket, MySQL
Tools/Frameworks: Git, Vim, IntelliJ, PyCharm, Putty, AWS, Node.js, Eclipse, SpringBoot and Thymeleaf