

Muhammad Rizwan Khan

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rzhkh.github.io

Education

Rutgers University, New Brunswick NJ

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

Experience

TRC, Companies Inc., Woodbridge NJ – IT Intern

May 2018 – Present

- Worked with a team to upgrade test and product databases
- Developed process flows and designs for database system implemented for CRM
- Provided fixes, debugging and patch updates for existing applications

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