

# Muhammad Rizwan Khan

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## EDUCATION

**Rutgers University, New Brunswick, NJ**

expected December 2018

Bachelor of Science in Computer Science

**GPA: 3.706**

**RELEVANT COURSEWORK:** Systems Programming, Algorithm & Design, Information Data Management, Internet Technology, Computer Security & Intro to Artificial Intelligence

## QUALIFICATIONS

**Programming:** Java, C, C++, HTML/CSS, JavaScript, Assembly, SCHEME, MySQL and Python

**Web Development:** HTML5, CSS3, JavaScript, MySQL

**Analysis:** UML, Agile & traditional methodologies, security analysis

**Strong Interpersonal Skills:** Team player, attention to detail, ability to train, motivate and supervise

**Quick learner:** Self-starter, adaptive to newer environment

## PROJECTS

**GridSearch** (Class Project Jan. 2018 – Mar. 2018)

Developed an application to find shortest route from a destination on a map block

Implemented A\* search algorithm to track shortest route using heuristics for better performance

**BitTorrent** (Personal Project Jul. 2017- Dec. 2017)

Developed an application to send/receive files following TCP

Files are transferred in small data packets and encrypted by a set of keys to ensure data integrity

**Web Developer** (Class Project Feb. 2017-May 2017)

Designed a website to track registrations and reservation for a hotel.

Designed easy to navigate and user-friendly layout

Database information retrieval implemented with MySQL

**Image Processing** (Personal Project Mar. 2018-Present)

Applying Machine learning knowledge to develop face recognizing application

**FileSharer** (Class Project Oct. 2017-Dec. 2017)

Developed a user to user application to send/receive messages and files

Server side is able to keep of IP logs connecting to use the service

## EXPERIENCE

**MCC, Edison, NJ**

September 2015 – January 2016

**Lab Assistant:**

Performed routine and preventive maintenance of lab inventory

Ensured the availability of equipment needed in the lab

**BestBuy, Manalapan, NJ**

October 2014 – January 2017

**Customer Service Specialist:**

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

Cultivated professional relationships with customers by serving as point of contact for all product-related inquiries, including stock policies