

Muhammad Rizwan Khan

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EDUCATION

Rutgers University, New Brunswick, NJ
Bachelor of Science in Computer Science
GPA: 3.706

expected December 2018

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

Route makes a use of heuristics for better performance

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

Developed a transfer protocol to send/receive files

Data files transferred in small data packets

Packets are 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

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

CAMPUS INVOLVMENT

HackRU: An avid participator in Rutgers Hackathon

USACS: Member of Undergraduate Student Alliance of Computer Scientists at Rutgers University