

# Mohammed Raza

## Desktop Support Analyst

Watchung, NJ | mraza.x@gmail.com | (908) 456-3916 | mraza-x.github.io | github.com/mraza-x

## Skills

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Software Engineering	Web Development & Maintenance
Database Development	Operating System Support (Windows/Linux)
UNIX Shell Scripting	Strong Communication and Collaboration
Network Administration & Security	Bilingual (English & Hindi/Urdu)

## Technologies

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**FrameWorks & Libraries:** jQuery, JSON, Bootstrap, Node.js

**Languages:** Python, JAVA, C++, Bash/Shell, HTML, CSS, JavaScript, PHP

**Version Control:** Git, Bitbucket

**Operating Systems:** Windows, Linux

**Development Tools:** ATOM, GitHub, NetBeans, Eclipse, IntelliJ IDEA, Apache Web Server

**Database Platforms:** MySQL, Oracle SQL

**Other Tools:** AJAX, Adobe Photoshop, Adobe Illustrator, Microsoft Excel

## Professional Experience

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Prime Pediatrics | Desktop Support Analyst

Irvington, NJ | January 2012 – Present

- Data Entry and Records Maintenance
- Database Support
- Windows Operating System Support
- Network Security Support

## Education

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New Jersey Institute of Technology | B.A Computer Science

Newark, NJ | Sept 2013 – December 2018

Rutgers University – Newark College of Arts & Sciences | B.A Computer Science

- *Senior Capstone Project: An Environment for Graphics Programming as a Spectator Sport* — Sponsored by NJIT - Worked on a team to design and implement a competitive computer game which allows the users to learn JAVA coding by writing code to match computer generated images.
- *Student Scheduling System* - Designed and implemented a student scheduling system using a MySQL database system in conjunction with a JAVA application.
- *NJIT Calendar of Events* - Worked on a team as a back-end developer using MySQL to design an advanced Calendar System for the University.
- *Long Integer Problem* - Used the doubly linked list data structure in JAVA to overcome buffer overflow for mathematical computations, which allowed the use of integers greater than the maximum value allowed by the compiler.
- *Deterministic Finite Automata* - Used JAVA to implement a Deterministic Finite Automata which recognizes and makes decisions about a specified input language.

**Coursework:** Object Oriented Design & Programming, Data Structures, Database Design, Networking, Systems Analysis & Design, Information Security, Operating Systems, Computer Architecture, Android Application Development, UNIX & Linux System Administration, Probability & Statistics

## Other Experience

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JAVA Game Modification

C++ Lexical Analysis

Web Search Algorithms

UNIX Kernel Modification