
QADIS CHAUDHRY

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EDUCATION

Rutgers University - School of Engineering

Sept. 2020 - present

Major: Electrical and Computer Engineering

Current Overall GPA: 3.808/4.0

Relevant Coursework: Computer Architecture and Assembly Language, Principles of Electrical Engineering 1 & 2, Digital Logic Design, MATLAB, Data Structures, Electromagnetic Fields

High School

Monroe Township High School - Monroe Township, New Jersey

Sept. 2018 - Mar. 2020

James Madison High School - Brooklyn, New York

Sept. 2016 - Jun. 2018

Relevant Coursework: Principles of Information Technology, Microsoft Certification, Computer Graphics Design, AP Computer Science Principles, AP Physics C (Mechanics and Electromagnetism)

EXPERIENCE AND VOLUNTEERING

Virtual Machine Operator

Jan. 2021 - Mar. 2021

Administrator

Monroe Township, New Jersey

- Directed the installation and configuration of the Arch Linux operating system through the Unix command line on to three separate virtual machines for the use of a private individuals.
- Communicated the operation of two package managers, Homebrew and Pacman, to allow for the installation of needed firmwares and desired softwares in the future.
- Designed and committed a process for the trouble shooting and configuration of two different window managers, i3 and Xmonad, to alleviate the need for command line use for the uninitiated.

Programming for Private Domain

Apr. 2020 - Feb. 2021

Lead Developer

Monroe Township, New Jersey

- Initiated and directed the creation of a program to aid in a weekly time sensitive operation where the program must be able to give a competitive edge, whilst remaining 100% undetectable.
- Coordinated three different methods of automation and concepts of HTTP requests, JavaScript implementation, and JSON manipulation, to design and write the program in Python for functional employment.

Lab Technician Assistant

Jan. 2016 - Jun. 2018

Assistant

Brooklyn, New York

- Facilitated the allowance of hands on analysis and configuration of laboratory experiments for available sections of chemistry, physics, and biology across four different grade levels.
- Commanded the understanding and communication of each of the different materials, elements, and substances handled within the setting across each of the three domains.
- Coached the correct usage of materials for each of the lab experiments across the three domains consisting of greater than 200 students altogether.

TECHNICAL STRENGTHS

Languages

Fluent: English, Urdu, Hindi, Punjabi; Conversational: French, Arabic

Visual Design

Adobe Illustrator and Photoshop, CAD, and CorelDRAW

Machine Learning

Neural Networks in Python, Evolution Algorithm in Processing

Markup Languages

HTML, CSS, Markdown, and \LaTeX

Programming

Java, Python, JavaScript, MATLAB, C and C++

Cloud Computing

Experience with AWS (EC2 & S3)
