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# QADIS CHAUDHRY

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## EDUCATION

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### Rutgers University - School of Engineering

Sept. 2020 - present

Major: Electrical and Computer Engineering

Current Overall GPA: 3.85/4.0

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

### 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

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### 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

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### 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  $\text{\LaTeX}$

### Programming

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

### Cloud Computing

Experience with AWS (EC2 & S3)

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