QADIS CHAUDHRY

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EDUCATION

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

Electrical Design Assistant Apr. 2021 - present
Auxiliary *Haledon, New Jersey*

· Aid in the construction, installation and operation of electrical equipment and machinery.
· Coordinate effective solutions in the design process of various electrical schematics and foster aid in their fabrication and troubleshooting if needed.

Virtual Machine Operator Jan. 2021 - Mar. 2021
Administrator *Monroe Township, New Jersey*

· Directed the installation and configuration of the Linux operating system through the Unix command line on to three separate virtual machines for the use of a private individuals.
· Designed and committed a process for the troubleshooting 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 provide a competitive edge, whilst remaining 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.

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)