
QADIS CHAUDHRY

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EDUCATION

Rutgers University - School of Engineering
Major: Electrical and Computer Engineering
Current Overall GPA: 3.85/4.0

Sept. 2020 - present

EXPERIENCE AND VOLUNTEERING

Electrical Engineering Intern
Burns Engineering Inc.

May 2023 - Aug. 2023
Philadelphia, Pennsylvania

- Influenced construction and design of electrical systems and lighting coordination within new health-care infrastructure consisting of 300+ inpatient beds.
- Constructed and finalized plans for relocation of a power distribution system and the renewal of branch distribution systems within the major airport serving the city of Philadelphia.

Software Development
Rutgers University

Feb. 2023 - May 2023
New Brunswick, New Jersey

- Coordinated a team of ten developers to create and launch a functioning web-based pharmaceutical delivery service catering to younger and older generations.
- Completed payment portal system and customer authorization and verification utilizing an external API fit to handle traffic of thousands of users simultaneously.

Electrical Test Assistant
Alkhair Enterprises

Apr. 2021 - May 2023
Haledon, New Jersey

- Aided in the installation and operation of electrical equipment and machinery along with a group of five experienced tradesmen. Involved 0-1000 VAC motors and respective loads.
- Led effective solutions in the design process of electrical installations increasing production by 35% and fostered aid in fabrication and troubleshooting.

Virtual Machine Operator
Self

Jan. 2021 - Mar. 2021
Monroe Township, New Jersey

- Directed the installation and configuration of the five Linux operating system through the Unix command line for the use of 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.

Development for Private Domain
Self

Apr. 2020 - Feb. 2021
Monroe Township, New Jersey

- Initiated and directed the creation of a program to aid in a time sensitive operations provide a competitive edge against thousands of users, whilst remaining undetectable.
- Developed three different methods of automation, and concepts of HTTP requests, JavaScript, and JSON manipulation, to construct the program in Python for functional employment.

Lab Technician Assistant
James Madison High School

Jan. 2016 - Jun. 2018
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.
- 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
Engineering Design
Programming

Fluent: English, Urdu, Hindi, Punjabi; Partial: French, Arabic
AutoCAD, Revit, Cura, KiCAD, PCB Design, and CorelDRAW
Java, Python, JavaScript, MATLAB, C, and C++
