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

EXPERIENCE AND VOLUNTEERING

Electrical Engineering Intern **May 2023 - Aug. 2023**
Burns Engineering Inc. *Philadelphia, Pennsylvania*
· Influenced construction and design of electrical systems and lighting coordination within new healthcare 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 **Feb. 2023 - May 2023**
Rutgers University *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 **Apr. 2021 - May 2023**
Alkhair Enterprises *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 **Jan. 2021 - Mar. 2021**
Self *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 **Apr. 2020 - Feb. 2021**
Self *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 **Jan. 2016 - Jun. 2018**
James Madison High School *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	Fluent: English, Urdu, Hindi, Punjabi; Partial: French, Arabic
Engineering Design	AutoCAD, Revit, AGI32, Cura, KiCAD, SPICE, CorelDRAW
Programming	Java, Python, JavaScript, MATLAB, C, C++