QADIS CHAUDHRY, EIT

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EXPERIENCE

Electrical Engineer   Jul. 2024 - present
Burns Engineering Inc.   *New York, New York*

· Aided a team of fifteen in the creation of design documents and the functional reports of eleven airports across the United States for United Airlines Full Electrification initiative.
· Composed single line diagrams and conducted site verifications for connections and metering, for the indexing of approximately ninety distribution substations located at Philadelphia International Airport.

Electrical Design Associate   May 2023 - May 2024
Burns Engineering Inc.   *Philadelphia, Pennsylvania*

· Influenced construction and design of electrical systems and lighting coordination within new healthcare infrastructure consisting of over three hundred 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 use of private individuals.
· Designed and committed a process for the troubleshooting and configuration of six different window managers.

Development for Private Domain   Apr. 2020 - Feb. 2021
Self   *Monroe Township, New Jersey*

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

EDUCATION

Rutgers University - Graduate School of Engineering - Masters of Science   *Sept. 2024 - present*
Specialization: Solid State Electronics and Systems and Controls
Rutgers University - School of Engineering - Bachelors of Science   *Sept. 2020 - May 2024*
Major: Electrical and Computer Engineering

TECHNICAL STRENGTHS

Languages	Fluent: English, Urdu, Hindi, Punjabi; Partial: French, Arabic
Engineering Design	AutoCAD, Revit, AGI32, Cura, KiCAD, SPICE, PowerWorld Simulator
Programming	Java, Python, JavaScript, MATLAB, C, C++