**[Electrical Engineering Engineer](https://www.postjobfree.com/resume/adz1nw/electrical-engineering-norfolk-va)**

**Location:**Norfolk, VA

**Posted:**September 29, 2023

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**Resume:**

JERMAHRE . MOORE

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ELECTRICAL ENGINEER

Electrical Engineer Fresher • Computer Scientist

Designer • Developer • Analyst • Technician

OBJECTIVE

Ambitious and technical-minded electrical engineering graduate, with hands-on experience in troubleshooting and resolving electrical problems. Seeking a position that offers new challenges and provides an opportunity to grow in an effort to broaden professional horizons and maximize current electrical engineering expertise.

EDUCATION

Old Dominion University, Norfolk, Virginia

B.S Electrical Engineering, 2023 Graduate

Richmond Technical Center

Electrical Engineering & Architecture Drafting and Design 2016 Graduate

RELEVANT SKILLS AND EXPERIENCES

Network System Security experiences; i.e., (sufficient at executing UNIX commands and other details that consist of messaging across interconnected network devices, sniffing packets)

DNS client and server mapping & implementing secure networks

Completed projects related to FPGA design and implementation, Circuit Design & Analysis, and Microprocessors that also involved languages such as MIPS, Arduino, C++, VHDL, Python, Java, SQL, C#, and more

Familiar with developing Circuitry, Blueprints, Programs, Soldering, and many more design implementations such as Game Development and Video/Image Pixelization.

Electrical Engineering Skills:

Proficient in working with breadboards, circuit design, and prototyping.

Experienced in using voltage oscillscopes to measure and analyze electrical signals.

Familiar with analyzing and working with currents, resistances, and voltages in electronic circuits.

Skilled in soldering and assembling electronic components for circuit construction.

Knowledgeable about analog and digital electronics principles and components.

Able to design, analyze, and troubleshoot electrical circuits.

Proficient in utilizing various tools and instruments for electronic testing and measurement.

Experienced in working with microcontrollers and embedded systems.

Computer Science Skills:

Proficient in programming languages relevant to electrical engineering, such as C, C++, and Python.

Familiar with coding practices for microcontrollers and embedded systems.

Knowledgeable about algorithms, data structures, and software design principles.

Skilled in using software tools for simulation, modeling, and analysis of electrical circuits.

Able to implement software solutions for controlling and interfacing with hardware components.

Experienced in using integrated development environments (IDEs) and debugging tools.

Proficient in data processing and analysis using programming languages.

Knowledgeable about software-defined systems and their applications.

General Engineering Skills:

Strong problem-solving skills, capable of identifying and resolving technical issues.

Ability to collaborate with cross-functional teams for project development and problem-solving.

Effective communication skills for presenting technical concepts and ideas.

Detail-oriented approach to project planning, execution, and documentation.

Familiarity with engineering standards, regulations, and safety protocols.

Strong analytical skills for designing and optimizing electrical systems.

Additional Skills:

Able to read and interpret electrical schematics and technical documentation.

Knowledge of energy conversion, power distribution, and electronics manufacturing.

Familiar with renewable energy technologies and power management systems.

Understanding of electromagnetic theory and its practical applications.

Proficient in using design and simulation software such as MATLAB, Simulink, or SPICE.

Adaptability to rapidly evolving technologies and willingness to learn new concepts

FAMILIAR TECHNOLOGIES & SOFTWARE

Architectural Drafting and Designing including 3ds Max, Revit, Inventor, AutoCAD

Microsoft Office Suites (i.e., Excel, Word)

WORK EXPERIENCE

FedEx, Inc., Richmond, VA Nov 2021 – Dec 2022

Package Sorter

Sorters are responsible for organizing, categorizing, and separating products and materials.

Other duties included:

Performing warehouse functions including order picking, packing, and assembly of product.

Following appropriate standard operating procedures (SOPs) as guideline for operating and maintain, equipment.

Communicate and perform assigned tasks and maintain proper job safety conditions.

Perform duties in a safe and efficient manner, in compliance with all local, state, and federal regulations and company policies.

Ensured that all assigned duties are accomplished safely and timely.

Adhered to safety policies and procedures at all times, operating in full compliance with department, station, and corporate requirements.

Performed cleaning duties related to equipment and general housekeeping as required.

Completed all required initial safety training and attended all trainings provided to expand knowledge of the company, products, services and performed any other duties needed to help drive the vision, mission, and/or abide by the core values.

Old Dominion University, Computer Science Department, Norfolk, VA Aug 2017 - Jan 2022

Front Desk Technician & Receptionist

Provided friendly customer service to clients and visitors of the Department. Assisted students with class registration, placement, and helped set up detailed document layouts that consisted of Data Entry using Microsoft Office Software. Responded to email and phone inquiries in a professional manner. Maintained positive work/life balance and practiced excellent work ethic during peak hours and time periods. Oversaw appointments with the Chief of Department, and recorded detail notes during professional meetings.

Other duties included:

●Receiving visitors at the front desk by greeting, welcoming, directing, and announcing them appropriately

●Answering screening and forwarding incoming phone calls

●Digital communication ( Gmail, Asana)

●Receiving, dropping off and sorting mail

●Making copies as requested

●Assisting clients with troubleshooting and solving various computer problems

●Schedule & Attend important Faculty meetings & report Notes to Chairman

Amazon, Richmond, VA Aug 2021 Nov 2021

Package Delivery Driver

●Loading items and/or packages from Amazon’s warehouse or production environment

●Ensuring that items are delivered to the various locations of Amazon customers in a safe and timely manner

●Reviewing orders before and after they are delivered to ensure they are complete, charges are correct, and the customer is satisfied

●Scanning the QR code of all the items to be delivered before they are loaded up

●Accepting payments for delivered items when required

●Complying strictly with all transportation laws, guidelines, and/or regulations and ensuring that a safe driving record is maintained

●Strictly adhering to assigned routes and following time schedules

●Preparing reports and other documents that are related to delivery.

●Delivered hundreds of packages, bringing household goods, critical supplies, and so much more to Amazon customers

UPS, Richmond, VA

Package Sorter June 2020 - Jan 2021

●Read the labels to ensure proper further processing.

●Tracked package information using scanners.

●Sorted the packages according to their locations.

●Followed safety guidelines for handling a package.

●Fulfilled company expectations by reaching work goals.

●Ensured that the packages were not damaged throughout the process.

Ellwood Thompson’s, Richmond, VA Sept 2018 - June 2020

Produce Manager

●Rotate and cull garden items, ensuring freshness of produce products

●Properly handle garden items and equipment, following food and safety guidelines

●Establish a basic understanding of general store products, departments, and essential items

●Provide excellent customer service, answering questions and making recommendations

●Ensure proper temperature of refrigerated products and monitor watering of produce items

●Participate in inventory preparation

SUMMARY

Focused and analytical-minded electrical engineering graduate, offering over 6 years’ working knowledge and experience in troubleshooting electrical problems. Leveraging critical thinking, collaborative and adaptive skills to efficiently assimilate and contribute to complex workflows.

Based on my background and experience in Electrical and Computer engineering, I possess several qualifications that makes me a strong candidate for the Electrical Engineer position. Here are four bullet points highlighting my relevant skills:

Comprehensive Electrical Engineering Knowledge:

- With 6+ years of related experience in electrical and computer engineering, I have a solid foundation in various electrical principles and practices.

- My expertise covers electrical distribution, solar panels, voltage handling, microcontrollers, FPGA, electrical wiring systems, and programming languages.

- Electrical Software system I’ve had experience with includes Multisim and Arduino.

- Experience with using a variety of Electrical Equipment such as Oscilloscope, Multimeter, Soldering and other Testing Equipment to ensure system performance and voltage measurements.

Design Engineering Proficiency:

- My experience with software architecture, including AutoCAD, Revit, and 3dsMax, demonstrates my ability to handle facility layout designs effectively for construction and architectural projects. Previous experience also included blueprint design and layout.

- I can contribute significantly to the design and planning phases, ensuring efficient and well-optimized electrical systems.

Cross-Disciplinary Collaboration & Communication:

- Having worked with diverse engineering teams on group projects, including Mechanical Engineers and Civil Engineers, I am well-versed in interdisciplinary collaboration.

- I demonstrate strong communication skills which enable me to effectively work with different team members, clients, colleagues, and managers in environments that may be face paced or challenging.

Specialization in Sustainable Energy:

- My knowledge of solar energy and microgrid systems aligns perfectly with the company's emphasis on low voltage, microgrids, HVAC, and solar energy.

Understanding principles in Heating, Ventilation, and Air Conditioning which includes heat pumps for system performance optimization and efficiency

Skillset and Studies in Sustainable Energy Solutions & Renewable Energy Technologies ( Solar, Hydro, Wind, and Geothermal) that include analyzing energy consumption patterns, energy storage solutions, and environmental impact assessments.

Overall, my combination of electrical engineering expertise, design proficiency, collaborative mindset, and focus on sustainable energy solutions positions me as an ideal candidate for the Electrical Engineer role. My background and completed extensive studies at an ABET Accredited 4-year institution ( Old Dominion University ) demonstrates my ability to handle the challenges and requirements of this position effectively.