

STRENGTHS

-  **Effective Collaboration**
Created cross-functional alliances enhancing overall teamwork dynamics where differing ideas merged seamlessly achieving better outcomes.
-  **Detail-Oriented**
Focused on precision in designing and performing load calculations led multiple projects ensuring strict adherence to industry codes delivering reliable results.
-  **Analytical Reasoning**
Employing critical thinking throughout design and testing phases aided in recognizing potential inefficiencies early steering toward impactful improvements.
-  **Interpersonal Skills**
Successfully managing interactions between diverse groups eased conversations building stronger connections resulting in positive feedback loops.
-  **Technical Proficiency**
Leverage knowledge applying tools such as MATLAB and Revit manifested in class presentations thus reinforcing solid technical foundation supporting strategic decisions.

SKILLS

- Electrical System Design
- Load Calculations Revit MATLAB
- AutoCAD
- Technical Documentation
- Field Investigations
- Renewable Energy Solutions
- Data Analysis Simulation Modeling
- Team collaboration

SUMMARY

Recent Electrical Engineering graduate with experience in designing electrical systems through academic projects and internships. Demonstrated ability to perform load calculations, create detailed plans, and ensure compliance with standards. Strong analytical reasoning and effective interpersonal skills enhance collaboration with peers and clients. Passionately committed to innovative solutions within electrical engineering, showcasing thorough problem-solving abilities and a keen approach to project tasks. Rank among the top performers through faculty-appreciated presentations derived from community-focused initiatives and research efforts. Eager to contribute positively to Watt & Co. ◀0% employee-owned firm.

EDUCATION

Bachelor's Degree in Electrical Engineering

Virginia Commonwealth University  GPA: 3.8  2026  Richmond, VA

Coursework: *Circuit Analysis, Energy Systems, Electromagnetics, Control Systems*

TECHNICAL SKILLS

- **Design Software:** Revit, AutoCAD, MATLAB
- **Analytical Tools:** MATLAB, Data Analysis Software, Simulation Software
- **Complex Problem-Solving:** Research Methods, Simulation Techniques, Troubleshooting Protocols
- **Communication Platforms:** Slack, Zoom, Microsoft Teams
- **Engineering Standards:** National Electrical Code (NEC), ANSI, IEEE Standards
- **Project Management Tools:** Trello, Asana, Gantt Charts
- **Documentation Tools:** Microsoft Office Suite, Google Workspace, Technical Writing Software
- **Creative Prototyping:** 3D Printing Software, CAD Software, Rapid Prototyping Tools
- **Conference Presentation:** PowerPoint, Research Paper Formats, Poster Presentation Guidelines
- **Research Methodologies:** Case Studies, Surveys, Experimental Research

EXPERIENCE

- Electrical Engineering Student**
- University Project  January 2026 - May 2026  Richmond, VA
- Contributed as an Electrical Engineering student involving real-world application of design concepts for coursework and community interaction with consultaion roles. Engaged with diverse stakeholders while fostering teamwork, creativity, and practical skills using advanced technologies like Revit & NEC guidelines.
- Developed a comprehensive lighting design project for a local community center, focusing on energy efficiency and cost-effectiveness.
 - Conducted load calculations and ensured compliance with the National Electrical Code (NEC).
 - Collaborated with a team to create detailed electrical plans using Revit, enhancing project accuracy.
 - Presented findings and outcomes to faculty and peers, earning consistent positive feedback for clarity and technical detail.
 - Assisted field testing verifying installation performances contributing to successful project delivery.
 - Engaged local stakeholders for specification refinement, fostering community involvement.

- Electrical Engineering Research Assistant**
- Academic Research  September 2025 - December 2025  Richmond, VA
- Supported academic research initiatives that examined renewable energy solutions, developing key skills in simulation and technical writing. Collaborated effectively with multifaceted teams for impactful presentation at conferences representing university achievements.

Presentation Skills

Innovative Problem Solving

Strong Communication

Stakeholder Engagement

Project Coordination

LANGUAGES

English Native

Spanish Proficient

MY CAREER



● Electrical Engineering Student at University Project (4 Months)

● Electrical Engineering Research Assistant at Academic Research (3 Months)

- Assisted research on renewable energy integration into power systems encouraging innovative approaches.
- Analyzed performance data both visualizing automatic simulations bolstering efficiency.
- Contributed towards publication preparation elaborating technical proficiency across various methodologies.
- Collaborated multidisciplinary teams presenting findings at regional engineering conferences boosting interpersonal communication.
- Utilized MATLAB and AutoCAD augmenting hands-on skills valuable for future applications.
- Reviewed existing literature assuring comprehensive development of research goals demonstrating robust analytical skills.

Electrical Engineering Student

Hackathon Team Member 📅 March 2025 📍 Richmond, VA

Participated in a collaborative environment to develop smart home energy management systems amongst peers showcased initiative spurred creativity with limited time resources. Actively engaged mentors during technology phase activities enhancing final pitches.

- Teamed up students designing prototypes optimizing settings in homes during a competitive 48-hour event.
- Crafted circuit designs & user interfaces elevating usability design aspects important for residential energy management.
- Presented work outputs gaining recognition focusing on functionality and forward-thinking characteristics.
- Employed strong time management overcoming technical bottlenecks meeting deadlines cohesively.
- Applied analytical problem-solving methods addressing issues encountered boosting innovation effectiveness.
- Engaged feedback consistently rendering revisions instinctively improving project quality overall.

LEADERSHIP & AWARDS

- Dean's List, Virginia Commonwealth University, 2025
- First Place, University Engineering Hackathon, 2025

CERTIFICATIONS

- Fundamentals of Engineering Exam (FE) 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, IEEE Student Chapter, Virginia Commonwealth University
- Volunteer, local community center for STEM outreach programs

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST