

Omar Hunt

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

2026
Richmond, VA

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

SKILLS

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|----------------------------|------------------------------|-----------------------|------------------------------|
| • Electrical System Design | • AutoCAD | • Data Analysis | • Innovative Problem Solving |
| • Load Calculations | • Technical Documentation | • Simulation Modeling | • Strong Communication |
| • Revit | • Field Investigations | • Team collaboration | • Stakeholder Engagement |
| • MATLAB | • Renewable Energy Solutions | • Presentation Skills | • Project Coordination |

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.

- 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

March 2025

Hackathon Team Member

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

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST