



Jasper Woods

Data Center Development Intern

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SUMMARY

Enthusiastic student pursuing a degree in Electrical Engineering, eager to contribute innovative solutions within data centers. Practical experience stems from academic projects and internships focusing on electrical systems, HVAC, and mechanical components. Developed strong troubleshooting skills through hands-on experiences while maintaining a solid customer service mindset. Track record of enhancing operational efficiency through diligent documentation and precision in all aspects of tasks. Passionate about facilities management and committed to continuous improvement for team success.

EDUCATION

Bachelor's Degree in Electrical Engineering

University of California, San Francisco 📅 GPA: 3.7 📅 2026 📍 San Francisco, CA

Coursework: Circuits, Control Systems, Power Systems, Signal Processing

TECHNICAL SKILLS

- **HVAC Systems:** Ductwork Design, Preventative Maintenance, System Testing
- **Electrical Components:** Circuit Design, Wiring, Conduit Installation
- **Software Tools:** AutoCAD, MATLAB, Microsoft Project
- **Documentation Practices:** Technical Writing, Record Maintenance, Compliance Standards
- **Fiber Optic Technology:** Splicing Techniques, Signal Transmission, Network Setup
- **Safety Standards:** OSHA Guidelines, Risk Management, Safe Work Practices
- **Mechanical Systems:** Pneumatics, Hydraulics, Component Testing
- **Building Systems:** Automation Control, Energy Management, System Integration
- **Customer Engagement:** Service-Oriented Approach, Customer Interaction, Satisfaction Tracking
- **Project Management:** Task Coordination, Time Management, Team Leadership

EXPERIENCE

Electrical Systems Technician

University Project 📅 January 2026 - Present 📍 San Francisco, CA

Supported the development of key engineering projects focused on electrical systems, fostering collaboration among peers while enhancing safety compliance. Offered mentorship to junior students in technical concepts, contributing to team growth and knowledge sharing.

- Developed a prototype for an automated HVAC control system, notably increasing energy efficiency.
- Collaborated with cross-functional teams on project designs, ensuring adherence to safety guidelines.
- Conducted extensive testing of electrical components, guaranteeing top performance.
- Documented project developments meticulously, tracking design changes and test results.
- Presented findings at engineering fairs, receiving positive evaluations from faculty members.
- Mentored junior classmates on foundational electrical engineering principles, fostering their understanding.

Data Center Simulation Developer

Hackathon Project 📅 September 2025 - December 2025 📍 San Francisco, CA

Engaged actively in a competitive environment to develop a simulation addressing data center operations, collaborating closely with a diverse team to tackle real-world issues innovatively.

- Designed a simulation tool for managing data center infrastructure effectively, focusing on usability.
- Created an interface that simplified monitoring processes for data center operations.
- Utilized AutoCAD and MATLAB for layout design and modeling of the data center.

STRENGTHS

- 👥 **Team Collaboration**
Fostered team spirit and enhanced workflows during collaborative projects, earning respect from diverse teammates.
- 💡 **Problem Solving**
Used critical thinking to troubleshoot complex systems, becoming a trusted go-to for peer assistance.
- 🔄 **Adaptability**
Adjusted quickly to changing priorities and challenges, showing flexibility and resilience in dynamic settings.
- 🗣️ **Communication Skills**
Effectively communicated technical concepts in presentations, bridging gaps between technical and non-technical audiences.
- 📄 **Detail-Oriented**
Exhibited exceptional attention to detail in project documentation, reinforcing transparency and accountability.

SKILLS

HVAC Systems

Electrical Engineering

Troubleshooting Customer Service

Project Management

Documentation Fiber Optics

Building Automation

Mechanical Systems Teamwork

Energy Efficiency

