Multi-Hazards Student Field Technician

The Oregon Hazards Lab at the University of Oregon, Department of Earth Sciences seeks student workers to pursue our mission of real-time, multi-hazards monitoring. This position has travel potential to some of the most unique and remote locations across Oregon to install, maintain, and operate monitoring systems that collect scientific data to increase public safety. No prior experience with relevant systems is required and training will be provided.

During the academic year this position can offer up to 25 hours/week but will vary with lab workload and student’s class schedule. Work will largely be based at UO lab space, field deployments of 1 - 2 days may be included depending on student availability.

During the summer this position can offer up to full-time hours. Work will vary between UO lab space and can include regular field deployments of up to 5 days depending on student availability.

Expectations of Position

- Field Work
  - Working outdoors in adverse weather and in uneven terrain
  - Prep and cleanup for field actions
  - Device interfacing and configuration
  - Operating vehicles on and off paved roads
- Lab spaces
  - Fabrication of sensor supporting equipment
  - Lab space organization, equipment and vehicle fleet upkeep
  - Assisting in maintaining program documentation, inventory, orders, and receipts
- Opportunities specific to student interest and skill set within scope of program

Minimum Requirements

- Ability to lift and carry 50lbs for short distances
- Critical problem solving and ability to improvise when necessary
- Excellent verbal and written communication skills
- Following directions, attention to detail, and cleanliness
- Interest in OHAZ program, public safety, design, or STEM topics
- Flexible and safety-oriented mindset
- Respectful to others, spaces, and equipment
- Students must maintain 8 credits/term to be eligible
- Must have a valid US Driver's License

Bonus Qualifications

- Experience with DC circuits and electronics
- Basic networking skills, understanding of IP addressing, subnets, gateways, etc.
- Basic understanding of programming syntax and CLI
- Experience using construction and fabrication tools
- Experience with vertical access rope systems

Application Submission:

- Please submit a cover letter in PDF format that highlights interest and relevant skills/experience
- Resume is encouraged but not required
- UO Faculty reference encouraged

Please submit application materials to Sandy Thoms at sthoms@uoregon.edu.

University of Oregon students and employees are required to be fully vaccinated against COVID-19. For additional information see: https://coronavirus.uoregon.edu/vaccine.

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