**Student Systems Engineer-CASS Open Source Lab**

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**Please see Special Instructions for more details.**

Please submit a resume and cover letter showing your qualifications for this position. For additional information, please email Pamela.Bielenberg@oregonstate.edu This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a criminal history check and be determined to be position qualified as per OSU Standard 576-055-0000 et seq. Incumbents are required to self-report convictions and those in youth programs may have additional criminal history checks every 24 months.

**Position Details**

**Position Information**

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| **Position Title** | Student Information Technology |
| **Job Title** | Student Systems Engineer-CASS Open Source Lab |
| **Appointment Type** | Student Employee |
| **Job Location** | Corvallis |
| **Position Appointment Percent** | 50 |
| **Appointment Basis** | 12 |
| **Min Hourly Rate** | $13.29 |
| **Max Hourly Rate** | $16.50 |
| **Position Summary** | The OSU Open Source Lab is looking for hourly students for DevOps Systems Engineers. This position is part-time during the academic year, and full-time during the summer as long as the student is not taking any classes (in summer term, only). Applicants must have at least four (4) terms remaining in their program and be able to work during summer 2018. We prefer students who have more time left in their program to help reduce graduate turnover, so freshman applicants are welcome. This position is only open to students attending a college or university in Oregon.  You: -Enjoy using open source software. -Install Linux at home to play around with web servers, file servers, etc. -Aren’t afraid to use the command line to get things done. -Would like to work closely with developers of cool open source projects. -Are looking for a challenging job where you’ll have the opportunity to use your problem-solving skills while maintaining production servers in a real world hosting environment.  Us: -The Oregon State University Open Source Lab http://osuosl.org/ provides hosting to some of the world’s largest and most recognizable open source projects including: the Linux Foundation, Drupal, the Apache Software Foundation, the Python Software Foundation, and many more! |
| **Position Duties** | This position involves working on the infrastructure that powers much of the open source ecosystem. Is responsible for racking, deploying, maintaining and design of various parts of our infrastructure. Interacts with the community and clients via email and IRC on a daily basis on tasks such as troubleshooting issues and deploying new services.  55% – Deploy and maintain infrastructure including servers, workstations, and network equipment using configuration management tools (primarily Chef + some CFEngine). Plan for future growth, maintain Linux servers, databases, backups, web sites, code repositories, and other development tools used by our hosted partners. Work directly with hosted partners to architect their environments and respond to support/change requests. Document procedures and maintain server/software inventory.  20% – Work with the Open Source community, other hosted partners and developers at the OSL to determine needs. This will involve working with vendors on procurement, designing systems in support of developers and providing oversight on systems issues both in the OSL and the Open Source community. Meet with customers and evaluate their needs in relation to hosted applications and services. Explain possible solutions in non-technical terms. Continually work with customers through all stages of design, implementation, and ongoing maintenance.  20% – Work with fellow students to review existing and new code for readability, quality, and correctness. Write automated tests to ensure quality of codebase. Continually improve existing codebase and update to latest standards and styles.  5% – Develop skills in support of primary job functions. Research new tools and methods. Consult with others in the industry to learn about emerging technologies. Share and collaborate with other members of the OSU computing community and beyond. |
| **Minimum Qualifications** | Employment Eligibility Requirements (<http://fa.oregonstate.edu/stu-manual/500-employment-eligibility-requirements>) |
| **Additional Required Qualifications** | Must have: - Basic experience using Linux on the command line including installing Linux, installing packages and deploying basic services for fun and play (i.e. Samba, Apache, etc).  - A basic understanding of how Linux works and the basics of operating systems. - Experience using git and Github workflows. - Ability to work well in a team - Strong problem solving skills and the ability to learn quickly.  This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a criminal history check and be determined to be position qualified as per OSU Standard 576-055-0000 et seq. Incumbents are required to self-report convictions and those in youth programs may have additional criminal history checks every 24 months. |
| **Preferred (Special) Qualifications** | Nice to have: - Experience with the Ruby language (or other similar scripting languages) - Experience with using a configuration management tool (i.e. Chef, Ansible, Puppet) - A passion for helping the worldwide open source community |
| **Working Conditions / Work Schedule** | Typical work schedule is at least two-hour-consecutive periods between 8am – 6pm Monday–Friday. Students are expected to work on site in Corvallis. |

**Posting Detail Information**

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| **Posting Number** | P03289SE |
| **Number of Vacancies** | 2 |
| **Anticipated Appointment Begin Date** | 03/19/2018 |
| **Anticipated Appointment End Date** |  |
| **Posting Date** | 02/19/2018 |
| **Full Consideration Date** |  |
| **Closing Date** | 03/16/2018 |
| **Indicate how you intend to recruit for this search** | Competitive / Student - open to ALL qualified/eligible students |
| **Special Instructions to Applicants** | Please submit a resume and cover letter showing your qualifications for this position.  For additional information, please email Pamela.Bielenberg@oregonstate.edu  This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a criminal history check and be determined to be position qualified as per OSU Standard 576-055-0000 et seq. Incumbents are required to self-report convictions and those in youth programs may have additional criminal history checks every 24 months. |

**Supplemental Questions**

Required fields are indicated with an asterisk (\*).

1. \* When do you anticipate graduating? For instance, "June 2020"

(Open Ended Question)

**Documents Needed to Apply**

**Required Documents**

1. Resume
2. Cover Letter

**Optional Documents**