**Analyst Programmer**

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

Applications will be reviewed based on the information submitted on the employment profile with education and work history along with any other requested documentation i.e. posting specific question responses, transcripts, etc. **Your profile MUST clearly show how you meet the minimum/required qualifications for the position.** Resumes are NOT accepted at the application stage for classified staff positions.

Typically, the starting salary is at the lower end of the salary range.

For additional information please contact: **Stephen Ramsey** at [Stephen.Ramsey@oregonstate.edu](mailto:Stephen.Ramsey@oregonstate.edu).

OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.

**Position Details**

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| Position Information | | |
| **Department** | | Vet Biomedical Science (VBS) |
| **Classification Title** | | Analyst Programmer |
| **Job Title** | | Analyst Programmer |
| **Appointment Type** | | Classified Staff |
| **Job Location** | | Corvallis |
| **Position Appointment Percent** | | 100 |
| **Appointment Basis** | | 12 |
| **Pay Method** | | Salary |
| **Min Salary** | | $3308 |
| **Max Salary** | | $8857 |
| **Employment Category** | | Limited Duration |
| **Position Summary** | | This recruitment will be used to fill one full-time Analyst Programmer position for the Department of Biomedical Sciences in the Carlson College of Veterinary Medicine at Oregon State University (OSU).  This is a limited duration appointment expected to last approximately three months from the appointment begin date.  The National Center for Advancing Translational Sciences (NCATS, a part of the National Institutes of Health) is supporting our team at OSU (PI Stephen Ramsey in CVM and PI David Koslicki in COS) to build a software “biomedical reasoning tool” through a type of award mechanism called an Other Transaction (award number 1OT2TR002520). The project, being a software development project, will require an Analyst Programmer to work on software coding, testing, design, and documentation. |
| **Position Duties** | | 15% Software design  60% Software coding Software development will primarily be in Python, Cypher, Bash, and various configuration languages (see Qualifications section) on Linux systems.  15% Software testing Software testing will include scripted integration testing, unit testing, debugging/troubleshooting, and performance bench marking.  5% Writing software documentation Write progress reports based on describing of the development with software, data, testing conducted, methods, and summary of results.  5% Participate in team meetings Attend meetings with team to report (status/ gather information).  This position will involve thrice-yearly travel to NIH-mandated “Hackathon” events. Travel costs for these events will be reimbursed by OSU using project funds. |
| **Minimum Qualifications** | | This classification requires a basic foundation of knowledge and skills in systems analysis and related programming support functions generally obtained by a bachelor’s degree in computer science, or an equivalent amount of training and applied experience. |
| **Additional Required Qualifications** | | Experience working on a team-based software project.  Proficient in Python programming [pandas, numpy, scipy, scikit-learn, docstring, BeautifulSoup, requests]. Understanding of Web technologies including HTTP GET/POST, curl, JSON, XML, and REST architecture. Proficient in using git (able to clone, commit, push, branch, merge, etc.) and markdown. Proficient in Linux command-line tools, particularly related to text processing. Proficient in Cypher language and in the use of Neo4j and APOC. Proficient in bash scripting. Experience working with SemMedDB and UMLS. Experience working with the SNAP machine-learning platform and specifically node2vec. Experience using Docker. Experience using AWS and EC2. |
| **Preferred (Special) Qualifications** | | Proficiency in LaTeX.  A demonstrable commitment to promoting and enhancing diversity. |
| **Working Conditions / Work Schedule** | |  |
| **This position is deemed essential and the incumbent may be expected to report to work during inclement weather, emergency and other University work curtailments or closures.** | | No |
| **This position requires a clear and unambiguous commitment to compliance of all National Collegiate Athletic Association (NCAA) regulations for Division I (FBS) universities.** | | No |
| Posting Detail Information | | |
| **Posting Number** | P01720CT | |
| **Number of Vacancies** | 1 | |
| **Anticipated Appointment Begin Date** | 09/01/2018 | |
| **Anticipated Appointment End Date** | 12/31/2018 | |
| **Posting Date** | 08/16/2018 | |
| **Full Consideration Date** |  | |
| **Closing Date** | 08/23/2018 | |
| **Indicate how you intend to recruit for this search** | Competitive / External - open to ALL qualified applicants | |
| **Special Instructions to Applicants** | Applications will be reviewed based on the information submitted on the employment profile with education and work history along with any other requested documentation i.e. posting specific question responses, transcripts, etc. **Your profile MUST clearly show how you meet the minimum/required qualifications for the position.** Resumes are NOT accepted at the application stage for classified staff positions.  Typically, the starting salary is at the lower end of the salary range.  For additional information please contact: **Stephen Ramsey** at [Stephen.Ramsey@oregonstate.edu](mailto:Stephen.Ramsey@oregonstate.edu).  OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community. | |

**Supplemental Questions**

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

**Documents Needed to Apply**

**Required Documents**

**Optional Documents**