**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: Tiffany Windmeyer at tiffany.windmeyer@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**

|  |  |  |
| --- | --- | --- |
| Position Information | | |
| **Department** | | Sch Elect Engr/Comp Sci (ESE) |
| **Classification Title** | | Analyst Programmer |
| **Job Title** | | Analyst Programmer |
| **Appointment Type** | | Classified Staff |
| **Job Location** | | Corvallis |
| **Position Appointment Percent** | | 50 |
| **Appointment Basis** | | 12 |
| **Pay Method** | | Hourly |
| **Min Salary** | | $3308 |
| **Max Salary** | | $8857 |
| **Employment Category** | | Limited Duration |
| **Position Summary** | | **This is an Internal Employment Opportunity**  This recruitment will be used to fill one part-time (approximately 20 hours per week) limited duration Program Analyst position for the Department of Chemistry at Oregon State University (OSU). This is a limited duration appointment expected to last approximately 11 months.  This position will help to develop a test and evaluation framework for testing a Real-time Operating System. In this project, the lab aims at building a test plan that includes a comprehensive set of test cases, and details on how to test/evaluate RTOS and to perform security test based on the generated test cases to ensure that the implementation of the RTOS complies with requirements and specifications. |
| **Position Duties** | | 80% Conduct Research and Testing Development: Develop testing framework for Operating Systems and document the result of each test conducted in the systems.  Utilize QEMU, S2E, and Syzkaller softwares as the testing fame work and verify Operating Systems to conduct testing research.  10% Research Meetings: Attend weekly meetings with Research teams to report findings in person or online on current scope of project.  10% Report writing: Write weekly progress reports based on describing of the development with software, data, testing conducted, methods, and summary of results. |
| **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** | | Programming experience in C/C++, Python, and assembly languages (x86, ARM, MIPS, and Power PC).  Experience working on IT projects in a team environment.  Experience in coding in embedded systems such as: ARM, MIPS, and Power PC.  Experience in using UNIX-like OS and Real-Time Operating Systems.  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** | | Experience in software testing and verification.  A demonstrable commitment to promoting and enhancing diversity. |
| **Working Conditions / Work Schedule** | | Attend weekly meeting with research teams in person or online.  Submitting deliverables at each project milestones (Oct 18, Mar 19, and Jun 19). |
| **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** | P01710CT | |
| **Number of Vacancies** | 1 | |
| **Anticipated Appointment Begin Date** | 08/27/2018 | |
| **Anticipated Appointment End Date** |  | |
| **Posting Date** | 08/15/2018 | |
| **Full Consideration Date** |  | |
| **Closing Date** | 08/21/2018 | |
| **Indicate how you intend to recruit for this search** | Competitive / Internal | |
| **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: Tiffany Windmeyer at tiffany.windmeyer@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**

s