

How to Apply

This job will be filled at either the senior or intermediate level, depending on the experience of the selected candidate. Salary will be commensurate with the qualifications, experience, and education of the selected candidate. A cover letter and resume are required; the cover letter must be PAGE 1 of your resume.

The letter should:

- 1) Specifically outline the reasons for your interest in the position;
- 2) Outline your particular skills and experience that directly relate to this position; and
- 3) Include your current or ending salary.

Job Summary

Background:

Merit Network, Inc. (<http://www.merit.edu>) is a nonprofit, member-focused provider of network and related services; a trusted strategic partner to the education and non-profit community for over 50 years. Merit was formed in 1966 to design and implement a computer network between public universities in Michigan. Today, Merit continues to provide network based services and high-performance network connections to the research and education communities in Michigan and beyond.

Position Description:

Merit Network is seeking a highly motivated candidate to join our Product Management Team. The Senior Developer will be a part of a software development team providing software tools and applications in support of large-scale, high-volume services for the higher education and non-profit community (Examples: Merit RAdB - <http://radb.net/> and The Michigan Cyber Range - <https://www.merit.edu/cyberrange/>). The team creates applications, tools and integrations that enhance Merit's service offerings as well as to increase operational efficiency within Merit. The team works with internal customers in order to identify needs and solution requirements. The team builds technology solutions and manages each project from initial scope to release. Once released, the team is responsible for maintenance and will work with customers to periodically review and further enhance the tools. The team is also responsible for keeping Merit current with the latest and most useful technologies.

This position will be an excellent opportunity for a driven individual to push the limits of current web technology and experiment with a variety of techniques, in order to build robust, enterprise-level solutions.

The team's current development stack consists of: Perl, Mojolicious, DBIx::Class (and DBI), Moose, Bootstrap, jQuery, AngularJS, and Oracle in a Linux environment.

Secondarily, the team also uses MySQL, PostgreSQL, Python and C.

Responsibilities*

Essential Functions for this position are followed by an (E).

As the Merit Senior Developer, this position's key responsibilities include, but are not limited to, the following:

Approximately 65% of the Senior Developer's time and duties are needed to:

- Evaluating requirements for new web-based applications and enhancements to existing applications. This includes interviewing stakeholders and documenting requirements. (E)
- Designing, building, testing and documenting web-based applications and supporting back-end systems. (E)
- Working with APIs and other data sources to integrate with external systems. (E)
- Supporting legacy code and projects (with an eye to replacing them with modernized solutions). (E)

Approximately 25% of the Senior Developer's time and duties are needed to:

- Trouble ticket response and resolution. (E)

Approximately 10% of the Senior Developer's time and duties are needed to:

- Keeping abreast of new programming technologies; making recommendations on future technology direction. (E)

Required Qualifications*

- Bachelor's degree in Computer Science, a related field, or equivalent experience.
- 5 to 7 years of experience with systems analysis and programming activities in a business environment.
- Proven ability to deliver production-ready software on time and on budget.
- Fluency in Perl.
- Knowledge of HTML, JavaScript and CSS.
- Knowledge of shell scripting, linux system utilities, network and application protocols.
- Background developing in a LAMP (Linux, Apache, MySQL, Perl) environment.
- Solid SQL skills (MySQL, PostgreSQL, or Oracle).

- Ability to prioritize and multi-task many small projects in a shared code environment (GIT/SVN).
- Excellent interpersonal, communication and organizational skills with the ability to interact effectively with employees at all levels both within the organization and with Merit's members and customers.
- Dedication to learning and advancing your skills.
- Ability to troubleshoot software and communications malfunctions.

Desired Qualifications*

- Solid understating of testing best practices and why testing is important.
- Object-Oriented Perl (Moose).
- Experience with NetSuite ERP.
- DBI and DBIx::Class.
- Mojolicious MVC framework.
- jQuery, Twitter Bootstrap, and Angular.JS.
- PHP experience.
- Python experience.
- C experience.
- Ability to apply CI/CD principles and tools to new and legacy platforms and applications.
- Experience with deployment automation.
- Ability to implement and maintain solutions for systems monitoring, metrics collection and alerting.
- Familiarity with containerization systems such as Docker.
- Experience with CI/CD tools such as Jenkins, Travis CI, etc.
- Mobile app development experience.
- Knowledge of the networking or cloud services industry a plus.
- Experience working with higher education, K-12 educational institutions, libraries, research institutions and other public sector non-profit organizations a plus.

Underfill Statement

This position is being posted at the senior level, but we will consider filling it at the intermediate level depending on the qualifications of the preferred candidates.

Additional Information

- Relocation assistance is not available for this position.

- For information about benefits: <http://careers.umich.edu/benefits/>
- For additional information about this position and to review other current openings at Merit, please visit our website at: <https://www.merit.edu/merit-careers/>

Other Duties

Please note this job description is not designated to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Supervisory Responsibility

This position has no supervisory responsibilities.

Work Environment

This job operates in a professional environment. This role routinely uses standard office equipment such as computers, phones, photocopiers, filing cabinets and fax machines.

Physical Demands

The physical demands described here are representative of those that must be met by an employee (with or without accommodations) to successfully perform the essential functions of this job.

Employee must frequently work at computer station, answer telephone calls, emails, and/or other forms of customer/client communication. Employee may on occasion be required to move items of various sizes and weights throughout the office or building.

Position Type/Expected Hours of Work

This is a full-time position, work schedule will be determined by supervisor and may change if necessary. There may be some occasional work required outside of established schedule, which may include weekends and holidays. Typical work schedule is 8am – 5pm, Monday through Friday for most staff.

Travel

Travel may be required.

Background Screening

The University of Michigan/Merit Network Inc. conducts background checks on all job candidates upon acceptance of a contingent offer and may use a third party administrator to conduct background checks. Background checks will be performed in compliance with the Fair Credit Reporting Act.

Contact Information

If you have any questions specific to this job posting, please contact us at:
merithr@merit.edu

If you need assistance applying for this job, please contact the UM Human Resources Shared Service Center, 734-615-2000, option 1.

Mission Statement

Merit serves the research, education and public sector communities as a trusted and valued partner. Merit advances member success, research, economic development, collaboration, and professional development by leveraging its network infrastructure, expertise and the value of its member communities.

Application Deadline

Job openings are posted for a minimum of seven calendar days. This job may be removed from posting boards and filled any time after the minimum posting period has ended.

U-M EEO/AA Statement

The University of Michigan is an equal opportunity/affirmative action employer.

Job Detail

JOB OPENING ID
152455

FULL/PART TIME
Full-Time

DEPARTMENT
Merit Network

WORKING TITLE
Senior/Intermediate Developer

REGULAR/TEMPORARY
Regular

POSTING BEGIN/END DATE
1/10/2018 – 1/17/2018

JOB TITLE
App Programmer/Analyst Sr

FLSA STATUS
Exempt

CAREER INTEREST
Information Technology

WORK LOCATION
Ann Arbor Campus
Ann Arbor, MI

ORGANIZATIONAL GROUP
Affiliated It Orgs

