



Entry Level Software Developer Full-time Positions



Who We Are

The Center for Advanced Transportation Technology Lab is an advanced transportation research laboratory at the University of Maryland, College Park. The CATT Lab's research provides a bridge between the intelligent transportation systems (ITS) community and the information technology community. The CATT Lab specializes in data archiving, data retrieval and visualization, 3D modeling and simulation, and software development. The primary resource of the CATT Lab is the interdisciplinary group of over 50 undergraduate and graduate researchers and talented staff.

Position Description

The CATT Lab is looking for entry-level software developers. The position entails planning, development, testing and maintenance of complex Message-Oriented Middleware Applications, graphical user interface design, networking, and web applications. Applicants for the position should be familiar with Object-Oriented Programming, Message-Oriented Middleware Architecture and Software Engineering best practices.

Specific experience and knowledge of the following is a plus:

- SQL, JDBC, and Hibernate ORM
- Version Control using Subversion
- JUnit/HttpUnit Testing and Code Coverage
- XML Parsing including document object model, JDOM, object binding, and JAXB2.
- Designing and understanding XML Schemas. Validation of XML Documents.
- Servlets, Asynchronous Message Driven Beans, and Java Messaging Service
- Spring Application Framework
- Eclipse IDE
- Jetty Servlet Engine
- Redhat & CentOS Enterprise Linux
- Javadoc Code Documentation
- Applicable Web development experience including HTML, DHTML, Javascript, AJAX, Flash, Flex, Coldfusion, and PHP.
- Application load testing and tuning.
- C# and .net
- OpenGL

Salary & Benefits

Salary will depend on level of experience and skills. The associated fringe benefits are 16 paid holidays, 15 days of sick leave, 22 days of annual leave, 3 personal days, retirement, tuition remission, and health benefits.

How to Apply

Please send a resume directly to the CATT Lab Senior Engineer, Jason Ellison, at jjelliso@umd.edu and CC the CATT Laboratory Director, Michael Pack and PackML@umd.edu.