**About CASS**

The Center for Applied Systems and Software (CASS) is a non-profit organization that provides software development, testing and hosting solutions to clients while giving students hands-on industry experience. Students are given the opportunity and guidance to work with real-world clients and to see projects from start to finish. CASS prides itself in offering quality services to customers while providing a beneficial experience for our students.

CASS has three units, each with a specialized focus, that work closely together to provide expanded services for clients and a more diverse experience for students.

* [Open Source Lab](http://cass.oregonstate.edu/open-source-lab): Open source hosting and software development
* [Software Development Group](http://cass.oregonstate.edu/software-development-group/): Designs and develops applications for all major platforms
* [Test & IoT Lab](http://cass.oregonstate.edu/test-and-iot-lab/): Hardware and software testing services and Internet of Things (IoT) testing

## Test & IoT Lab

The Test & IoT (Internet of Things) Lab helps clients design new test plans and test suites customized to meet the needs of their products. We have experience employing a variety of testing tools and methodologies as well as working closely with geographically distributed development teams. Our testing efforts range from manual testing to automated regression testing (via technologies like Jenkins).

It's a Win-Win!

* Student employees work with full-time professional staff gaining valuable real-world experience in IoT and testing technologies
* Clients benefit from a cost effective method to test the compliance and compatibility of new IoT products as well as various hardware and software products and services

In addition to providing excellence in testing services, the IoT branch of the lab has a goal to actively support the growth of the IoT ecosystem by:

* Providing vendor-neutral services
* Reducing the cost associated with implementing evolving industry standards
* Leveraging shared resources for broader product and service testing
* Facilitating interoperability and compatibility between IoT devices
* Accelerating the time to market for new IoT products
* Building a pipeline of students trained to work hands on with IoT technologies

Whether you need a partner for running and/or maintaining existing tests, building new test suites, or for end-to-end system release testing, the Test & IoT Lab is structured to meet your needs.

The CASS - Test & IoT Lab is an active member of the AllSeen Alliance and performs release testing for the AllJoyn framework.

## Software Development Group

Our development teams, led by experienced senior software engineers, focus on delivering professional results for our customers. We have a wealth of experience in designing, creating, testing and delivering:

* Mobile Apps for iOS and Android
* Standalone applications as well as components of larger systems
* Database backed websites
* Porting and maintenance of existing applications
* Applications on Windows, Linux, iOS, Android systems

Our teams are also experienced in participating in the integration and test cycle of large system releases.

**My Questions**

* Hours
* Start Date

**Things I Want to Do**