



CLIENT

www.rach.io

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ABOUT US:

Rachio is building irrigation controls and sensors for the modern world. Our first product, Iro, is a WiFi based smart irrigation controller. Our smart controller knows about weather and seasonality, and adjusts accordingly. It also learns as you teach it about unique characteristics in your yard and continues to modify your schedule as it gets smarter. An emerging market is growing called 'The Internet of Things' (IoT) which is predicted to include over 9 billion connected devices by the year 2018. We plan on being an integral part of the IoT ecosystem.

SUMMARY:

The Rachio web based dashboard will be a platform for consumers to manage their connected IoT products and account information. Initially, the dashboard will allow consumers to perform these and many more features of the Iro:

- Manual sprinkler zone control
- Automated or manual sprinkler schedule adjustment
- Analytical reporting
- Device access control

Students will help design and build a dashboard that leverages the existing Rachio RESTful webservice APIs to control, manage, and monitor the Iro. The dashboard will be built with the latest cutting edge web frameworks and languages while also taking advantage of our proprietary device event notification framework.

REQUIRED SKILLS:

- JavaScript
- HTML/CSS
- Understanding of Javascript MVC frameworks
- Interaction with RESTful services

STUDENT BENEFITS:

- Full life cycle software development
- Real-world project working on a team with over 60 years of professional development experience
- Gain experience building an interactive dashboard leveraging a robust RESTful API

LOCATION:

1435 Stuart Street, Denver CO (2 miles West of Downtown Denver)