Founded in 1923, Ecolab is the global leader in water, hygiene and energy technologies and services that protect people and vital resources. With 2013 sales of $13 billion and 45,000 associates, Ecolab delivers comprehensive solutions and on-site service to promote safe food, maintain clean environments, optimize water and energy use and improve operational efficiencies for customers in the food, healthcare, energy, hospitality, commercial laundry and industrial markets in more than 170 countries around the world.

At Ecolab we believe that the success of our associates and the success of the company go hand in hand. We are committed to a culture that fully leverages our people's talents by promoting an environment where all people can make a difference, be heard, be supported, be developed, and be rewarded for their contributions. This is where you come in.

**Software engineering interns** operate within the Research, Development and Engineering group. This position supports all business units of a globally diversified technology/service company, creating a dynamic, challenging, and varied work environment. Challenge yourself to create innovative control and dispensing systems that improve the user experience, safety, and value for our customers.

This position will entail a variety of software engineering work with a focus on new product development. You will work on embedded control systems utilizing microcontrollers and Linux-based microprocessors. This work will include design, analysis, system level testing, manufacturing transfer, and post launch support.

**Main Responsibilities:**

- Participate in the design and development of new products
- Research, design, develop, debug and validate software for Ecolab’s chemical dispensing and control systems
- Ensure compliance with design criteria and standards
- Test, evaluate and analyze systems to determine or prove performance and reliability
- Identify and evaluate technologies to advance the performance and reliability of existing and new products
- Work with and support cross-functional teams and business units in development of new product offerings
- Occasionally provide direction to testing and lab support personnel

**Basic Qualifications:**

- Pursuit of a Bachelor’s or Master’s degree in Computer Science or Computer Engineering or related technical field.
- Legal authorization to work in the United States

**Preferred Qualifications:**

- Experience programming in C/C++ languages
- Experience programming embedded controls and/or Linux OS
- Experience programming in VxWorks
- Experience with communication over Ethernet, RS-485, wireless
- Effective oral communication skills, organizational skills and attention to detail
- Demonstrated initiative and ability to work independently and as a member of a multi-disciplinary team while handling multiple tasks or projects
- Demonstrated project management and leadership skills

Paid internship
40 hours per week
Must apply by March 1, 2015 through www.ecolab.com/careers/campus-programs

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Ecolab is an Affirmative Action / Equal Opportunity Employer
[www.ecolab.com/careers/campus-programs](http://www.ecolab.com/careers/campus-programs)
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