

## Shawn E. Crabtree

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<https://github.com/shawncrabtree>

### EDUCATION

*Bachelor of Science*, Computer Science  
*Bachelor of Science*, Mathematics  
Oregon State University, Corvallis, OR, expected August 2016  
GPA: 3.90

### WORK EXPERIENCE

*Student Developer II* April 2014 to March 2015, August 2015 to present  
Center for Applied Systems and Software, Oregon State University

- Develop web applications and other software for a range of Oregon State University affiliates as well as other businesses
- Manage software projects and teams

*Software Developer Intern* March 2015 to August 2015  
Cambia Health Solutions, Portland, OR

- Add features to web applications
- Create DataStage jobs primarily to process large data sets
- Create automated testing suites using the FitNesse testing framework

### TECHNICAL SKILLS

#### Programming Languages

C, C++, C#, Java, JavaScript, Python, and R

#### Query Languages

SQL, SOQL, and PL/pgSQL

#### Web Frameworks

Microsoft .NET ASP and MVC, AngularJS, and Salesforce

#### Front-End Web Design

HTML, CSS, Javascript, JQuery, and Bootstrap

#### Data Manipulation

Microsoft SSIS, DataStage

#### Source Control and Project Management

Git, TFS

#### Technical Writing

Documenting software, writing vision and scope documents

### COURSEWORK

#### Mathematics

Calculus, Series and Sequences, Differential Equations, Basic Analysis, Linear Algebra, Abstract Algebra, Numerical Analysis, Computational Number Theory, Applied and Computational Algebra, Systems of ODEs, Numerical Solutions to ODEs, Probability

#### Computer Science

Operating Systems, Software Engineering, Computer Networks, Data Structures, Databases