Shawn E. Crabtree

3820 NW Sylvan Dr.
Corvallis, OR 97330
(503) 381-1734

EDUCATION

Bachelor of Science, Mathematics
Oregon State University, Corvallis, OR, expected June 2016
Minor: Computer Science

TECHNICAL SKILLS

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

Query Languagues
SQL, SOQL, and PL/pgSQL

Web Frameworks
Microsoft .NET ASP and MVC, AngularJS, and Salesforce

Front-End Web Desigm
HTML, CSS, Javascript, JQuery, and Bootstrap

Data Manipulation
SSIS, DataStage

QA and Test Automation
FitNesse, Selenium, and Salesforce

Source Control and Project Management
Git, TFS

Technical Writing
Documenting software, writing vision and scope documents

EXPERIENCE

Student Developer   April 2014 to March 2015, August 2015 to present
Center for Applied Systems and Software, Oregon State University
- Develop and test web applications and other software for a range of Oregon State University affiliates as well as other business

Software Developer Intern   March 2015 to August 2015
Cambia Health Solutions, Portland, OR
- Add features to an ASP .NET web application
- Create DataStage jobs primarily to process large data sets
- Create automated tests using the FitNesse testing framework

CPOE Tutor   April 2012 to September 2012, March 2013 to June 2013
Essia Health (formerly Scribes STAT, Inc.), Portland, OR
- Assist in the implementation of electronic medical records at Southwest Washington Medical Center and Albany General Hospital
- Help healthcare providers learn and use the medical record and order entry software

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 ordinary DE, Probability

Computer Science

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

Other

Physics, Chemistry, Biology, Intro to Electrical Engineering, Statistics