

Zachary D. Schmidt

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Education

- **University of Oregon** **Eugene, OR**
M.S. Computer Science *2015 – 2017*
 - **Minnesota State University, Mankato** **Mankato, MN**
B.S. Computer Science
B.S. Mathematics *2008 – 2013*
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Experience

- **Thermo Fisher Scientific** **Eugene, OR**
Software Engineering Contractor *January 2018 – Current*
 - Wrote software for a flow cytometer using C++ with an MFC library
 - **University of Oregon** **Eugene, OR**
Graduate Teaching Fellow *September 2015 – December 2017*
 - Taught lab sessions and held office hours for the following courses:
 - Fall 2015** CIS 111 (Intro to Web Programming)
 - Winter 2016** CIT 382 (Web Applications II)
 - Spring 2016** CIS 212 (Computer Science III)
 - Fall 2016, Winter 2017, Fall 2017** CIS 314 (Computer Organization)
 - Spring 2017** CIS 410 (Intro to Game Programming)
 - **ImageTrend, Inc.** **Lakeville, MN**
Software Developer *January 2014 – September 2015*
 - Web development using a variety of interconnected technologies such as ColdFusion for a CMS, AngularJS/Bootstrap for responsive application, and C# .NET for RESTful APIs
 - Led the development and deployment of a real-time auction platform using Lightstreamer with a Java back-end which is capable of supporting ten thousand users
 - Used Amazon's EC2 to host PowerShell scripted bots which were programmatically used to load test our applications
 - **Minnesota State University, Mankato** **Mankato, MN**
Teaching Assistant & Tutor *2011 – 2013*
 - Tutored classes ranging from basic syntactical courses to Formal Languages/Abstract Machines and Data Structures courses
 - Worked as the teaching assistant during labs for the CS110, CS111, CS171, and CS305 classes
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Core Technical Skills

Fluent Languages: C, C++, Java, JavaScript

Previous Experience: Shell Scripts/Batch Files, C#, LISP, Fortran 95, HTML, R, ML, AS3, XML, CSS, Lambda Calculus, \LaTeX

General Computer Experience: Virtual Machines, Debian, Fedora, GNUplot, Microsoft Office Suite, IIS, SVN/Git/Mercurial, SQL

Honors

- Eagle Scout, Boy Scouts of America
 - Curt Stangler/Accenture Scholarship, Fall 2013
 - Best GTF: 2015-2016, 2016-2017 Academic Year(s)
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