

Zachary D. Schmidt

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Education

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

- **Qualtrics** Remote
Software Contractor
 - Updated an AngularJS website to provide keyboard accessibility including the addition of focus styles, an updated DOM order, and programmatically handling all keyboard actions (tab/shift+tab/etc)
 - **ATP Development** Remote
Lead Software Engineer
 - Worked as a full stack engineer to create a TypeScript/Angular client with a C#.NET Core backend, utilizing Cosmos DB and real-time communication via SignalR
 - Oversaw deployment of application on Microsoft's Azure cloud platform
 - Monitored performance and analyzed issues/downtime related to the cloud infrastructure
 - Dealt with MX and CNAME records for our domain, and wrote an automated email service using SendGrid
 - **Thermo Fisher Scientific** Eugene, OR
Software Engineering Contractor
 - Wrote software for a flow cytometer using C++ with an MFC library
 - **University of Oregon** Eugene, OR
Graduate Teaching Fellow
 - Taught lab sessions and held office hours for the following courses:
 - * CIS 111 (Intro to Web Programming)
 - * CIT 382 (Web Applications II)
 - * CIS 212 (Computer Science III)
 - * CIS 314 (Computer Organization)
 - * CIS 410 (Intro to Game Programming)
 - **ImageTrend, Inc.** Lakeville, MN
Software Developer
 - 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
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Honors

- **Eagle Scout, Boy Scouts of America**
 - **Curt Stangler/Accenture Scholarship**
 - **'Best GTF' for each year of the Master's program**
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