

Zachary D. Schmidt

zschmidt.github.io • Bend, OR

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

- **SoundCommerce** **Remote**
Senior Software Engineer March 2021 – Current
 - Worked using Scala to interact with large BigQuery datasets performing customer analysis
 - Authored new processes which loaded several terabytes of clickstream data on an ongoing basis
 - Updated core logic which resulted in a 4x-10x speed increase across all collectors in our infrastructure via a parallelization of our deduping logic
 - Extensive use of Google's Container Registry, Cloud Storage, and Kubernetes Engine
 - Onboarded new hires by acting as a point of reference and maintaining an onboarding document which served as an introduction to the SoundCommerce ecosystem
 - **ATP Development** **Remote**
Software Associate June 2018 – May 2020
 - 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
 - Configured CI/CD pipelines which ended on Docker instances managed by a Kubernetes cluster
 - Maintained resources on Kubernetes via Helm and Tiller
 - 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 January 2018 – June 2018
 - Worked in a laboratory setting implementing software for a flow cytometer
 - Wrote in C++ to update the user interface using an MFC library
 - Participated in Kanban development methodology
 - **University of Oregon** **Eugene, OR**
Graduate Teaching Fellow September 2015 – December 2017
 - Taught lab sessions and held office hours for numerous upper level undergraduate courses
 - **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
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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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