Tristan R. Schmitt

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Summary

I am a geographic nerd by education and trade, techie by fire and flame, and lifelong learner by passion. I learn best through researching and hands-on experience and I am ready to take the tech world by storm.

Developer Skills

JavaScript | HTML | CSS
Ruby | Rails
Node.js | Passport
MongoDB | Mongoose
SQL | PostgreSQL
Agile Development
Git | Github
Bootstrap
JSON API

Cartographic Skills

ArcGIS | ArcInfo | QGIS
Remote Sensing
3D Analysis
Geodatabase Management
Spatial Analysis
ArcGIS Python Expression
Trimble GPS

Education

Montana State University Bozeman, MT
Bachelors of Science 2014
Earth Science with a specialization in Geography/GIS

Relevant Experience

The Iron Yard | Washington, D.C.   June 2017 - Sept 2017
Full Stack Web Development Student
The Iron Yard is a 12-week coding boot camp specializing in highly focused, immersive training centered on language fluency, object-oriented programming, and project-based learning.
- iTunes Search App
  - iTunes search webpage that uses JavaScript, HTML, CSS and the iTunes API to allow a user to search an artist. Once the search is complete the user will view a portion of that artists songs. User can then select the album artwork and listen to a preview of that song.
- Breweries.MT
  - Ruby on Rails final project built within 48 hours and deployed to Heroku. Brewery owners can add events that Guests to the site can view. Multiple phases planned to expand app to include map of events and Users to follow and favorite Breweries.

My Crop Technologies, LLC | Great Falls, MT   May 2015 - April 2017
Mapping Specialist
My Crop Technologies provide extensive crop insurance reporting software to the agricultural insurance community. This experience taught me all about the software development process from a QA and testing side.
- Specialized in quality assurance, testing, and development of the Integrated Mapping Module.
- Contributed ideas and input into improving the overall application and look for ways that would make functions more useful and beneficial to users while taking feedback and possible enhancements into consideration for the application from our customers.
- Monitored the content and updates needed to the various databases that support mapping that include spatial data layers such as imagery sources, public land survey data, transportation, etc.
- Demonstrated ability to coordinate cross-functional work teams toward task completion using customer support issues to shape the end goal.

ARMtech Insurance Services Inc. | Montana   May 2014 – Aug 2014
GPS Specialist Intern
- Utilizes GPS technology to report on crop insurance losses throughout the western territories using remote crop insurance adjusters.

Field Work

Association of Gallatin Agricultural Irrigators | Montana   Dec 2012
- Our group used Trimble GPS devices and ArcGIS software to completely map the Lewis Ditch Irrigation system for legal water rights issues. Produced a final large map to by used by AGAI and the farmers associated to the Lewis Ditch.