**EDUCATION**

**University of Oregon**, Eugene, OR Currently Enrolled

* B.S. in **Computer Science** 3.52 / 4.0
* B.S. in **Spatial Data Science**

**SKILLS**

**Languages:**

C • C++ • Python • Java • JavaScript • HTML • CSS • SQL/NoSQL • R

**Libraries & APIs:**

Flask • scikit-learn • MongoDB • QSqlQuery/SQLite/cx-Oracle

Pandas • Matplotlib • AJAX

Google Drive & Sheets APIs • Spotify API • JUCE • D3.js

**Skills & Technical Knowledge:**

Software Engineering • Code Review

Git/Version Control • Jira • Docker • Unix

Microservices • RESTful APIs • Full Stack Web Apps • Desktop Apps

**WORK EXPERIENCE**

**Software Engineering Intern** *TDS Telecom* 6/2019 – 9/2019

Developed capacity reporting software using Agile methodologies.

Wrote Python scripts and SQL to automate the consolidation and reporting of crucial network capacity data. Rewrote legacy Perl, shell, and SQL code into scalable, maintainable Python scripts.

**CS Tutor** *University of Oregon* 5/2019 – Present

Tutored courses *CIS 399* and *CIS 330,* and topics such as Data Science, Python, and C++.

**PORTFOLIO** [ix.cs.uoregon.edu/~nzt/#Portfolio](http://ix.cs.uoregon.edu/~nzt/#Portfolio)

**SiteStall** [github.com/SiteStall/SiteStall](https://github.com/SiteStall/SiteStall)   
A Firefox extension designed to improve concentration by temporarily blocking distractions. A modern implementation of the ideal "commitment device" envisioned by Dr. Richard Patterson.

**Discover Daily** [github.com/noahtigner/DiscoverDaily](https://github.com/noahtigner/DiscoverDaily)

A Spotify Recommender System.   
Trains a Classifier on your musical tastes and recommends songs daily. Uses the Spotify API and scikit-learn for machine learning. Written with Python and SQL.

Keywords: Web Developer Development Designed HTML CSS HTML5 JavaScript jQuery AJAX REST RESTful Microservice Micro-service Architecture Programming Languages Software Engineer Engineering C C++ Java Python 3 NumPy Flask Pandas sci-kit Learn sk-learn TensorFlow MatplotLib SQL NoSQL MongoDB RDBMS QSqlQuery SQLite cx-Oracle Shell Command Line GUI Script Automated Test Testing Data Science Scientist Big Analysis Analyst Machine Learning Artificial Intelligence Model Neural Network Random Forest Tree Algorithm Data Structure Computer Security User Experience Interface Search Jira Docker Git GitHub Bitbucket Version Control Full Stack Full-Stack Desktop API UNIX Stand-up standup AGILE Agile Methodologies Scrum