

SAMANTHA EPLING

Software Developer, GIS Analyst

503-706-9698 | EplingDeveloper@gmail.com

samanthaepling.github.io/ | linkedin.com/in/samanthaepling/ | github.com/SamanthaEpling

Technical Skills

Programming/Development:	C#, Python, SQL, JavaScript, CSS, HTML
Frameworks/Libraries/	
Data Visualization:	Pandas, Numpy, Tensorflow, SkLearn, Keras, Python - matplotlib, Full Calendar, ASP.NET, .NET, MVC, Django, Bootstrap, jQuery
IDEs:	Visual Studio 2017, 2019, PyCharm, Visual Studio Code
Databases:	SQL, MS SQL, MySQL, SQLite
Analytic Tools:	Anaconda (Jupyter Notebook, Spyder), RStudio
Version Control:	Git, GitHub
Methodologies:	Agile/Scrum
Development Management:	Azure DevOps
GIS:	ArcMap 9.2, ArcScene, ERDAS Imagine, Trimble, TerraSync, IDRISI Andes, Leica Photogrammetry Suite 9.1
Creative:	Adobe InDesign
Applications/Software:	Jupyter Notebooks, MS Office Suite, Impromed, AVIMark, Quickbooks 2011

Technical Work Experience

Graduates Director, Job Placement Director,

The Tech Academy, Portland, OR

06/2020-04/2021

Served as an instructor and coached hundreds of students from various technical boot camps (*Web Developer, Python, C# & .NET, Software Developer, UI/UX, Data Science*) through the Job Placement Course and with their networking and job searching endeavours, providing assistance until the graduate was hired. Assisted with resumes, cover letters, interviewing process including mock soft skill and technical interviews and coding challenges.

Software Developer Intern

Prosper IT Consulting, Portland, OR/Remote

February 2020, May-June 2020

Python - Local Authors App

- 2 2-week Sprints using Agile/Scrum methodology, to create an application in PyCharm using Python 3 and the Django framework within a larger hobby tracker website to manage SQL database definition with CRUD functionality for a user to track Pacific Northwest science fiction authors.
- BeautifulSoup used to scrape Wikipedia and parse for top science fiction authors.

C# - Theatre Vertigo Project

- 2 2-week Sprints using Agile/Scrum methodology, working with local Theater company website using MVC and Entity Framework Code First approach with C#, worked with Full Calendar library to create modals to add, view, edit and delete events pertaining to productions or facility rental with backend functionality using events as JSON objects using jQuery and Ajax. Initiated antiforgery tokens within the MVC to increase security.
- Working in a large MVC 5 project using C#, update current methods of displaying graphics associated with a particular production delete page.

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Technical Work Experience, continued

Receptionist, Veterinary Assistant & Kennel Staff,

Cornelius Veterinary Clinic, Cornelius, OR

August 2015 - June 2020

- Client Interaction - Scheduled appointments for a busy multiple-doctor veterinary clinic, created, modified, and discussed with clients complex surgical and other care estimates, relayed medical advice as needed. Created, tracked and monitored financial concerns involved with daily invoicing

Education

Software Developer Boot Camp Certificate,

The Tech Academy, Portland, OR/Remote

June 2020

An intensive boot camp with more than 1,000 hours of instruction and hands-on coding with courses in: Computer & Technology Basics Course, Overview of Software Development Course, Version Control Course, HTML & CSS Course, JavaScript Course, Database & SQL Course, Visual Studio Course, C# & .NET Framework Course, Python Course, Project Management Course, Live Projects, and Job Placement Course.

B.S. Environmental Science, Minor in Geographic Information Systems,

Portland State University, Portland, OR

June 2008

Relevant Courses: Capstone: GIS & Asset Mapping/Photovoice, GEOG 380 Maps & Geographic Info, GEOG 488 GIS I: Intro, GEOG 481 Satellite Image Processing, GEOG 492 GIS II: Advanced GIS, UNST 421 CAP: GIS & Asset Mapping, GEOG 489 Building a GIS Database With GPS, ESR 410 Road Ecology, ESR 445 Old-Growth Forest Ecology, GEOG 210 Physical Geography, GEOG 493 Digital Terrain Analysis, GEOG 494 GIS for Water Resources.

A.S. Environmental Science,

Portland Community College, Beaverton, OR

June 2006

Relevant Courses: Intro to Probability & Statistics I & II, Physics (Calculus based) I & Lab, Principles of Economics, Public Speaking, Calculus I, II, & III, Differential Equations, Intro to GIS