ANTHONY LUKACH

GEOSPATIAL WEB DEVELOPER

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(425) 405-0654

Summary

Full-stack web developer familiar with an array of front-end and back-end methods. Experienced in development on open-source stacks. Specialized in web mapping and geospatial data processing. Excellent communication skills and attention to detail.

Skills

Back-End Development

Experience with MVC architecture, designing and developing data models, views, and supporting rest APIs.

Front-End Design

Strong background in HTML, CSS, Javascript. Capable of working with a wide array of modern libraries.

Geospatial Processing

Capable of sourcing, processing, and visualizing large and varying datasets.

Technical

Python	HTML5	GDAL
Django	CSS3	CARIS Hydrographic Survey Package
Git	Javascript	ESRI Desktop GIS Package
Linux / Unix	jQuery	PostgreSQL / PostGIS

Experience

OneOcean Corporation

GIS Software Developer

April 2012 - Present

Seattle, WA

Assisted in the complete rewrite of cloud-based SAAS platform, taking code from conceptualization to deployment. Worked on all aspects of the project's development, including front-end design, back-end development, API design, database administration duties, server configuration, and data processing. Supported and developed undocumented legacy beta site.

Flaxen Geo Consulting

Programmer

December 2011 - February 2012

Seattle, WA

Developed web crawlers to accept search queries and scrape websites for imagery and supporting metadata. Rendered Javascript content in a headless browser, allowing for dynamic content to be scraped. Worked independently and within a strict budget and timeframe.

National Oceanic and Atmospheric Administration

Pacific Hydrographic Branch, **Office of Coast Survey**

Hydrographer / Cartographer

July 2008 - July 2011

Seattle, WA

Performed data acquisition in field, working closely with otherís aboard hydrographic survey vessels. Field projects included Deepwater Horizon Spill, system shake-down along California coast, and general bathymetric surveying in coastal Alaska and Washington. Refined and coupled data with positional and environmental correctors, insuring that quality met federal and international standards. Compiled gathered data into charts while maintaining data accuracy and c hart aesthetics. Developed multiple custom spreadsheets and scripting solutions to streamline the survey QC process and assist with in-office metrics assessments. These incorporated a mix of SQL queries, VBA language, Python language, and XML markup.

POWER Engineers

GIS Analyst

November 2007 - January 2008

Boise, ID

Created and contributed to geodatabases through geocoding data sourced from aerial photos and scanned maps. Georeferenced imported rasters. Acquired and converted data from ArcIMS server. Created charts to assist with project planning.

Personal

LivingCityMap

Founder / Developer

http://www.livingcitymap.com

An effort to provide spatial context to events within the Seattle area. Spiders are dispatched nightly, extracting events and locations from local weeklies. Each event's location is run through a geocoder, and then entered with event into a database. API end-point returns GeoJSON serialization of events based on supplied queries. Developed with GeoDjango, Scrapy, Leaflet.

Education

Seattle Central Community College

Supplementary studies, Web Development

December 2011

Seattle, WA

Related coursework: Javascript, C#.NET, HTML5 / CSS3

University of Victoria

Bachelor of Science, Geography

December 2006

Victoria, BC

Related coursework: Digital Remote Sensing GIS for Social Sciences Digital Geomatics Cartography Map and Air Photo Interpretation