

Leyth Adan

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Summary

I am a dedicated developer, geographer and cartographer; I enjoy making things that help improve the way people move, learn, and experience the world.

Experience



Software Engineer

T-Mobile

Oct 2018 - Present (4 years 2 months +)

Tools Used:

Bash (Unix Shell), Python, Flask, PHP, JavaScript, Grafana, Rasp. Pi 3 Model B, Docker

★ Work with a team of engineers focused on creating and maintaining a host of network automation tools which provide support for T-Mobile's Technology Service Delivery & Operations (TSD&O) Team.



GIS Tech | Tools Developer

Kaart

Apr 2018 - Apr 2019 (1 year 1 month)

Tools Used:

HTML, JavaScript, AppleScript, Bash, Python, JOSM, GitHub, GitLab

★ Edit and validate OpenStreetMap data using a variety of tools

★ Develop and maintain automation tools

★ Build browser extensions that load OSM data sources to Java OpenStreetMap editor (JOSM)



JavaScript Code Reviewer

Udacity

Feb 2015 - Apr 2018 (3 years 3 months)

Tools Used:

HTML, CSS, JavaScript, GitHub, Markdown

★ Reviewed student work by performing comprehensive and detailed code reviews.

★ Provided actionable and constructive feedback.

★ Documented and discovered logical or transitional errors.



Udacity Team Guide

Udacity

Jul 2015 - Nov 2015 (5 months)

Tools Used: HTML, CSS, JavaScript, GitHub, Markdown

- ★ Worked with a team(s) of newly enrolled students to develop positive group dynamics
- ★ Set expectations for weekly progress
- ★ Conducted weekly team meetings during designated study sessions.



Frontend Developer

Shirdon Consulting Group

Jan 2014 - Aug 2015 (1 year 8 months)

Tools Used:

HTML, CSS, JavaScript, PHP, WordPress, Version Control

- ★ Provided technical expertise and recommendations in assessing new IT software projects
- ★ Enhanced the existing WordPress based e-commerce site
- ★ Ensured proper website operations to allow end users to accomplish organizational tasks



Civil Engineer Specialist | GIS Data Maintenance

City of Seattle

Jul 2013 - Dec 2013 (6 months)

Tools Used:

ArcGIS, ArcMap

- ★ Created and edited GIS feature classes and tables via ArcMap
- ★ Performed research utilizing a variety of methods including manuals, documents, and field checks
- ★ Managed and interpreted various source materials such as maps and engineering plans
- ★ Updated and georeferenced construction plans on Seattle's Engineering Virtual Vault.



GIS Intern | Interactive Earth Project

World Link

Feb 2007 - Jun 2007 (5 months)

- ★ Worked primarily as a data miner GIS intern on Interactive Earth (IE), an educational geobrowser developed by World Link Media in collaboration with the NOAA
- ★ Collected and gathered geospatial data from major providers such as: USGS, NASA Goddard and WRI
- ★ Converted gray-scale NASA Goddard imagery using stored values
- ★ Interpreted remotely sensed data



Assistant RF Engineer Intern | Mapping & Query Support Team

AT&T & Cingular

Jul 2005 - Sep 2005 (3 months)

- ★ Provided assistance to RF Engineers as they labored to set up equipment at various sites throughout the Greater San Diego area
- ★ Extended essential support to the Mapping and Query Support Team by drive testing areas for new sites and optimized areas

Education



North Seattle College

BASc, Application Development, Computer Science

2017 - 2019

Focus: Web Application Development, Cloud Computing, and Mobile Application Development.



University of Washington

Certificate in JavaScript, Computer Science

2016 - 2017

Developed dynamic applications and user experiences using HTML, CSS, and JavaScript. Worked with various JavaScript libraries and frameworks (jQuery, ReactJS, NodeJS) Studied control structures, data structures, and scope.



University of Washington

Certificate in Geographic Information Systems (GIS), Information Technology

2012 - 2013

Studied foundations in spatial concepts and mapping. Rastered data for geographic modeling and analysis, GIS practices and challenges unique to the Pacific Northwest. Built GIS databases using a raw data, scanned maps, GPS positions and aerial photography.



San Diego State University

Methods of Geographical Analysis (GIS), Geography

2003 - 2008

This emphasis focuses on the various methods used by geographers to represent and analyze geographic information about the natural and social world.

Applied skills and contemporary technologies to solve problems and conduct research relating to Geographic Information Systems (GIS), Cartography, Spatial Statistics, Remote Sensing, Urban and Regional Planning.

Skills

Shell Scripting • JavaScript • CSS • Spatial Analysis • Cartography • ArcGIS • GIS • Databases
• HTML 5 • MySQL