

ZACHARY KATHE

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OBJECTIVE

To actively develop software with my peers while gaining new knowledge and technical work flows. My graduate work is in Python and full-stack web development from the University of Washington. I look forward to implementing these software skills in a collaborative work environment.

EXPERIENCE

SEATTLE PUBLIC UTILITIES(SPU) Drainage & Waste Water GIS Analyst (Intern)

9-19 / 12-20

Primary Skills: *Georeferencing *Site Plan Analysis * Asset Management *CAD
*Remote Work *ArcMap 10.6.1*Spatial Analysis*Geographic Information Systems

At Seattle Public Utilities I analyzed construction site plans and digitally mapped drainage and waste water assets for new building infrastructure in ArcMap 10.6. I used ArcMap to georeference the site plan on the location and used external tools to make edits. I mapped catch basins, bio planters, permeable pavements, green roofs, wyes, and numerous other features.

- ✚ During this internship I was given responsibility to create a new geofeature database and new feature class for a special tap charge project. I personally decided the display attributes and color schemes for the new layer. I then made over 250 edits with the local Esri editor for that layer.

JACKSON PARK GOLF COURSE [TEAM LEAD]

1-16 / 9-19

Primary Skills: *Trainer *Team Lead

I was responsible for cash deposits nightly, logged profits on Excel for daily profit margins and train new employees on the P.O.S. system and cash handling protocols with emphasis on security. I spent the majority of my time in the pro-shop to ensure smooth running of daily golf operations.

SEATTLE PARKS & RECREATION [LIFEGUARD]

3-18 / 9-18

Primary Skills: *CPR *Swim Lessons

I taught swim lessons for groups of children and honed individual skills in personal lessons. In addition, I performed close overwatch on the pool throughout the day.

EDUCATION

Enrolled: 2020-2021

Python Programming Professional Certificate

From: [University of Washington](#)

Enrolled for online night time courses so it will not affect my employment.

Enrolled:2021

Full-stack web development bootcamp

From: [University of Washington](#)

Graduation in June

Graduation: December 2020

Bachelor degree specializing in Geographic Information Systems & Informatics

From: [University of Washington](#)

2016-2018

Associates degree, North Seattle College

LANGUAGES

- *R
- *SQL
- *html
- *CSS
- *Markdown
- *JavaScript
- *GeoJSON
- *Python

PLATFORMS

- *RStudio
- *PostgreSQL
- *Notepad++
- *Atom
- *Command line
- *Geojson.io
- *FileZilla
- *Figma
- *Access
- *Excel
- *Word
- *ArcMap 10.6
- *ArcGIS Online
- *QGIS

SKILLS

- *Construction Plan Review
- *Georeferencing
- *Project Management
- *Data Base Management
- *Schema Building
- *Data Wrangling
- *Cartography
- *Raster/Vector data
- *Quality Control
- *Remote Work
- *Communication
- *Spatial Analysis
- *Front End Development

WORK EXAMPLES ON MY WEBSITE

Website: [portfolio](#)

REFERENCES

- ✓ Joseph Lalley Seattle Public Utilities GIS DWW Supervisor
(206)733-9575 - Joseph.Lalley@seattle.gov
- ✓ Paul Wilkinson Director of Golf & Tennis for the City of Seattle(retired)
(206)446-1541 - pablowx@comcast.net
- ✓ Rick Dunn Owner of Dunn Electric
(206)641-0531