

ZACHARY KATHE

12043 6th Ave NW Seattle, WA 98177 · (480) 252-6428

zacharykathe@gmail.com · [LinkedIn](#) [portfolio](#)

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.

SKILLS

languages	Computer Science applied to JavaScript	Browser Based Technologies	Deployment/Command Line Fundamentals
<ul style="list-style-type: none">✓ JavaScript✓ Python✓ HTML5✓ CSS✓ SQL	<ul style="list-style-type: none">• Algorithms (Searches, Sorts)• Efficiency• Time Complexity• Big O Notation• Data Structures	<ul style="list-style-type: none">• HTML5• CSS• Responsive Design• JavaScript• jQuery• Handlebars• Local Storage, Session Storage, IndexedDB• React.js	<ul style="list-style-type: none">• Heroku• Git• Github Pages
API Interaction	Databases	Server Development	Quality Assurance
<ul style="list-style-type: none">• REST API• JSON• AJAX	<ul style="list-style-type: none">• MySQL• MongoDB	<ul style="list-style-type: none">• MERN Stack (React.js, Express.js, MongoDB, Node.js)• User Authentication	<ul style="list-style-type: none">• Unit Testing• Functional Testing• Linting• Continuous Integration

WORK EXAMPLES ON MY WEBSITE

Website: [portfolio](#)

EDUCATION

Enrolled: 2021

Full-stack web development

From: University of Washington

Graduation June 7th 2021.

Graduation: December 2020

Bachelor degree specializing in Geographic Information Systems & Informatics

From: University of Washington

2016-2018

Associates degree, North Seattle College

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 data-base 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.

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