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| zachary kathe  12043 6th Ave NW Seattle, WA 98177 · (480) 252-6428  zacharykathe@gmail.com · [LinkedIn](https://www.linkedin.com/in/zachary-kathe-621415189/?lipi=urn%3Ali%3Apage%3Ad_flagship3_feed%3BTK%2FxgHNARuuPLP14JEfVLQ%3D%3D) [portfolio](https://zacharykathe.github.io/updated-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. |

# Experience

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| 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. |

# Education

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| 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 platforms SKills

\*R \*RStudio \*Construction Plan Review

\*SQL \*PostgreSQL \*Georeferencing

\*html \*Notepad++ \*Project Management

\*CSS \*Atom \*Data Base Management

\*Markdown \*Command line \*Schema Building

\*JavaScript \*Geojson.io \*Data Wrangling

\*GeoJSON \*FileZilla \*Cartography

\*Python \*Figma \*Raster/Vector data

\*Access \*Quality Control

\*Excel \*Remote Work

\*Word \*Communication

\*ArcMap 10.6 \*Spatial Analysis

\*ArcGIS Online \*Front End Development

\*QGIS

\*GitHub

# Work examples on my website

Website: [portfolio](https://zacharykathe.github.io/updated-portfolio/)

# references

* Joseph Lalley Seattle Public Utilities GIS DWW Supervisor

(206)733-9575 - [Joseph.Lalley@seattle.gov](mailto:Joseph.Lalley@seattle.gov)

* Paul Wilkinson Director of Golf & Tennis for the City of Seattle(retired)

(206)446-1541 - [pablowx@comcast.net](mailto:pablowx@comcast.net)

* Rick Dunn Owner of Dunn Electric

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