

# SADIE NGUYEN

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## EDUCATION

<b>Master of Science, Geospatial Technologies</b>   University of Washington, Tacoma	9/2022 – 2023
<b>Bachelor of Science, Geology</b>   University of Hawai'i, Hilo	8/2020 – 5/2022
<b>Associate of Arts, Geology</b>   Highline College, Running Start Program	6/2018 – 6/2020
<b>High School Diploma</b>   Kent-Meridian High School and Kent Technology Academy	8/2016 – 6/2020

## GEOSCIENCE EMPLOYMENT AND EXPERIENCES

<b>GIS Analyst, Transportation Engineering Intern</b>   City of Renton	9/2022 – Present
<ul style="list-style-type: none"><li>- Creating, presenting, and maintaining missing and existing sidewalk databases to make Renton more walkable by using ArcGIS software and design tools with the planning team.</li><li>- Collecting and deploying Remote Permanent Count Traffic Systems with the operations team.</li><li>- Working with the design team to update and maintaining bridge databases in ArcGIS.</li></ul>	

<b>GIS Analyst, Geology Research Assistant</b>   University of Hawai'i, Hilo	2/2022 – 5/2022
Researching tephra deposits on the Big Island of Hawaii for agricultural-use black cinder. Acted as the main ESRI ArcGIS and technology-based assistant, completing various tasks that include:	
<ul style="list-style-type: none"><li>- Finding new tephra deposits post the 2018 Kilauea volcano eruption.</li><li>- Data entry, organization, and transport between ESRI ArcMap, ArcCatalog, ArcToolbox, and Microsoft Excel.</li><li>- Creating a variety of map layers, shapefiles, and projections based off tephra data qualities in ArcMap.</li><li>- Directing team members to the deposit locations.</li><li>- Testing the quality of the collected tephra deposits.</li><li>- Projecting and presenting created layers into Google Earth.</li></ul>	

<b>Crack Team</b>   University of Hawai'i, Hilo with the United States Geological Survey	8/2020 – 5/2022
Collecting geodetic data on vertical deformation and crack creation throughout Hawai'i Island.	
<ul style="list-style-type: none"><li>- Research conducted in tandem with the United States Geological Survey – Hawaii Volcanoes Observatory (USGS-HVO) since the 1960s. Most leveling locations are located within the Hawaii Volcanoes National Park.</li><li>- Using precise leveling techniques, creating a database for geoscientists to see the effects of Kilauea volcano.</li></ul>	

<b>Presenting Author</b>   University of Hawai'i, Hilo at Geological Society of America	3/2022
<b>'Leveling Survey of Koa'e Fault System during the 2021 Kilauea Dike Intrusion'</b>	
Presented at the Geological Society of America (GSA) 2022 Cordilleran and Rocky Mountain Join Section Meeting in Las Vegas, Nevada.	
<a href="https://gsa.confex.com/gsa/2022CD/webprogram/Paper374390.html">https://gsa.confex.com/gsa/2022CD/webprogram/Paper374390.html</a>	

<b>Geology Club</b>   University of Hawai'i, Hilo	9/2020 – 5/2022
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## COMMUNITY EMPLOYMENT AND EXPERIENCES

<b>CARES Geology Lab Safety Assistant</b>   University of Hawai'i, Hilo	8/2020 – 5/2022
Cleaning classrooms and student resources to ensure safety through the COVID-19 pandemic.	
<b>Geology Laboratory Assistant</b>   University of Hawai'i, Hilo	2/2021 – 12/2021
Assisting in the redesign and redevelopment of the Geology department website.	
<b>Barista Partner, Hawaii</b>   Starbucks Coffee Company	2/2022 – 8/2022
<b>Barista Partner, Washington</b>   Starbucks Coffee Company	9/2018 – 6/2020
<b>Board of Director</b>   Kent Youth and Family Services	4/2017 – 6/2020

## SKILLS AND UNDERSTANDING

<ul style="list-style-type: none"><li>• Microsoft Office Applications<ul style="list-style-type: none"><li>◦ Word</li><li>◦ Excel</li><li>◦ PowerPoint</li><li>◦ OneNote</li><li>◦ Teams</li></ul></li><li>• Adobe Applications<ul style="list-style-type: none"><li>◦ Lightroom</li><li>◦ Photoshop</li><li>◦ Premiere Pro</li></ul></li></ul>	<ul style="list-style-type: none"><li>• ESRI ArcGIS Applications<ul style="list-style-type: none"><li>◦ ArcMap</li><li>◦ ArcCatalog</li><li>◦ ArcToolbox</li><li>◦ Dashboard</li><li>◦ Storymaps</li><li>◦ ArcMap Online</li></ul></li><li>• Team and Individual Work</li><li>• Cash and Credit Handling</li><li>• Customer Service and Support</li></ul>	<ul style="list-style-type: none"><li>• Food and Drink Services</li><li>• Photography, Videography and Audio-Visual Equipment</li><li>• Data Collection, Analysis and Projection</li><li>• Science and Community Communications</li><li>• HTML, CSS and JavaScript</li><li>• Google Earth</li><li>• Remote Learning and Communication</li><li>• Plotting printers</li></ul>
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