

KAYKO OHKAWA

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PROFESSIONAL EXPERIENCE

Data Scientist at PNC Bank (Customer & Marketing Analytics)	Aug 2022 – present
<i>Python (pandas, PySpark, scikit-learn), SQL, git, Tableau</i>	Pittsburgh, PA
<ul style="list-style-type: none">▪ Leads the design, development, and implementation of the Small Business Marketing KPI data repository▪ Builds marketing datasets to analyze customer addressability and opt-outs across multiple channels▪ Supported Private Bank by developing ETL pipelines, ML models, and dashboards for non-technical bankers	
Integrated Data Analyst at UPMC WorkPartners (Insurance Services)	Aug 2021 – Aug 2022
<i>SQL, SAS, Microsoft Power BI</i>	Pittsburgh, PA
<ul style="list-style-type: none">▪ Provided recurring and built ad hoc reports for clients to monitor annual health plan performance▪ Managed dashboards to communicate KPI narratives to upper management	

PROJECTS & RESEARCH

Snow Loss and Water Resources in Utah's Wasatch Range [tentative], Master's Thesis	2026 – TBD
<i>Python (scipy, geopandas), git</i>	
<ul style="list-style-type: none">▪ Quantifies the downstream impacts of accelerated snowmelt on regional water security▪ Applies fixed-effect and interaction models to estimate causal impacts in snow-fed watersheds	
Personal Website , linked in header	2021 – 2025
<i>JavaScript (React, node.js), HTML5, CSS (tailwindcss), git</i>	
<ul style="list-style-type: none">▪ Designed and built a custom personal website to practice full-stack development and deployment.	
Modeling Minor League Hockey Salaries , Pittsburgh Penguins Capstone Project	Spring 2021
<i>Python (scikit-learn, NumPy, pandas, matplotlib), R (tinyverse, dplyr, ggplot2)</i>	
<ul style="list-style-type: none">▪ Developed an empirical machine learning model to inform appropriate salaries for minor league players▪ Used prior contracts, player stats, and market conditions to determine future contract lengths and values	
Impact of Climate Variability on Crop Yield , Brackenridge Research Fellowship	Spring 2017
<i>Stata, Python, ArcGIS, Microsoft Excel</i>	
<ul style="list-style-type: none">▪ Pursued as independent research in which I analyzed raw temporal and spatial datasets from UN affiliates	

EDUCATION

Pennsylvania State University	Intended: 2027
<i>M.S. in Spatial Data Science</i>	
<ul style="list-style-type: none">+ Certificate in Geographic Information Systems	
Carnegie Mellon University	2025
<i>Certificate in Data Science</i>	
University of Pittsburgh	
<i>M.S. in Quantitative Economics</i>	2021
<i>B.S. in Geology</i>	2017
<i>B.A. in Economics</i>	2017
<ul style="list-style-type: none">+ Certificates in Asian Studies & Global Studies	

OTHER TRAINING & CERTIFICATIONS

CPR & First Aid (exp. 2027); **SARTECH II** (cert. Aug 2025); **Wilderness First Aid** (exp. 2028)