**Education**

**M.Sc. Big Data Analytics August 2021 - May 2023**San Diego State University San Diego, CA

Coursework:

* Machine Learning Engineering
* Enterprise Database Management
* Electronic Business & Big Data Infrastructures
* GIS for Business Location Decisions
* Python Programming for GIS
* Big Data Science & Analytics Platforms
* Business Analytics

**B.A. Psychology September 2015 - June 2019**  
University of California, Los Angeles Los Angeles, CA

**Skills**   
Python, R, SQL, MariaDB, MySQL, PHP, HTML, ArcMap/ArcGIS Pro/Online, PowerBI, Tableau, SAP, MS Office Suite, SharePoint, Lucid Chart, Business Analyst Online, Amazon AWS, GitHub, Big Data Analytics

**Experience**  
**GIS Analyst July 2023 - Present**

San Diego Gas & Electric San Diego, CA

* Contractor supporting San Diego Gas and electric’s gas team, processing spatial data and utilizing ArcMap to reflect changes and updates in the infrastructure system
* Collaborating with GIS and field teams to fulfill GIS demands across the dynamic utility network in order to produce maps with the most recently available data, enabling prompt spatial analysis
* Assisting in database clean up and maintenance

**Graduate Assistant August 2022 – May 2023**

Department of Geography, San Diego State University San Diego, CA

* Taught 25+ students in the Big Data Science and Analytics Platforms class required for all graduate students in the program and provide guidance with skills and applications such as Tableau, Amazon AWS, R, Python, ArcGIS
* Conducted data analysis and created visualizations using ArcGIS Pro, Python, and R with COVID-19 data in San Diego as part of a paper funded by the National Institute of Health. Goal of the paper is to provide recommendations to San Diego County government on future test site locations, taking into consideration health disparities of certain areas
* Collaborated with advisor and fellow graduate students in a multidisciplinary team bridging public health and GIS

**Clinical Research Coordinator August 2019 – October 2021**

Brentwood Biomedical Research Institute/VA GLA/UCLA Health Los Angeles, CA

* Maintained patient record management system; collected and managed all study related data for 100+ active study patients
* Improved study workflows through collaboration with staff across multiple departments and facilities
* Coordinated with Principal Investigator (PI) and the study team to ensure that the clinical research and all related activities were performed in accordance with the Internal Review Board (IRB), the FDA, and the sponsoring agency’s policies and procedures

**Administrative Assistant August 2017 – September 2019**

Dr. Robin Kay Private Practice Los Angeles, CA

* Created and maintained Dr. Kay’s website ([www.drrobinkay.com](http://www.drrobinkay.com)) using Squarespace and HTML/CSS
* Conducted and compiled scientific research to support future publication material based on Dr. Kay’s insights as a clinician
* Edited patient session videos tailored to academic conferences and class presentations

**Extracurricular Activities**   
Lifeguard & Swim Instructor, YMCA of San Diego County January 2022 – May 2023

Student Team Manager, UCLA Women’s Water Polo January 2016 – May2016