Royce Salah

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EDUCATION

University of California, Davis — B.S. Civil Engineering

September 2020 – June 2022
GPA: 3.57
Relevant coursework: Probabilistic System Analysis, Spatial Data Analysis, Computational Methods, Water Resource Simulation, Structural Engineering Capstone, Water Resource Management, Groundwater Systems

Evergreen Valley College — A.S. Mathematics

August 2017 – May 2020
GPA: 3.64

Google Data Analytics Certificate

- Programs: Spreadsheets, R, Tableau, and SQL
- Practiced various concepts including data cleaning, data visualization, and data-driven decision making

EXPERIENCE

American Society of Civil Engineers, UC Davis — *Mentorship Chair*

June 2021 - June 2022
- Fostered and maintained 12 professional mentorships between upper and underclassmen within Civil Engineering by collecting survey data and tracking satisfaction
- Organized career fairs involving 20+ companies and attracting 700+ Civil Engineering students
- Worked with professors to conduct research panels, socials, and volunteer events

PSWC Construction Management Design-Build Project Team — *Superintendent*

September 2021 - June 2022
- Mentored by industry professionals on construction estimating, scheduling, LEED, safety, and site utilization
- Created in-depth construction schedule Gantt charts accounting for various project timelines

Sanraku, San Jose — *Server Lead*

March 2019 - September 2020
- Calculated daily cash, sales, and server tip-out reports
- Managed weekly inventory and restocking
- Delegated tasks among servers and mentored new workers
- Worked in a fast-paced environment while balancing serving, bussing, and food-running responsibilities

PROJECTS

California Wildfire Effects — *Spatial Data Analysis*

- Utilized California wildfire and Census data with ArcGIS and Excel to analyze asthma emergency room visits based on age, location, and income
- Made data visualizations to identify at-risk communities as well as provided data-driven solutions

San Francisco and Los Angeles Water Data Analysis — *Water Resource Management*

- Compared water usage between SF and LA county in terms of industry and per capita usage and pointed to causes of disparities through population density, legal framework, and conservation goals

SKILLS

Technical: Spreadsheets, R, MatLab, AutoCAD, ArcGIS, Data Visualization, Estimating, Scheduling, SQL, Python
Soft: Customer Service, Organization, Problem Solving, Leadership, Collaboration, Research, Attention to detail