Noah Fajarda

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Professional Summary

Health Sciences and Health Informatics graduate (2022) with a passion for developing scalable strategies and improving systems related to medical health to increase efficiency within systems. I have experience in consolidating tasks and items individually to improve the operations of local organizations. I also have experience developing large projects that will positively impact a group or organization as a key contributor to a team.

Education

B.S. Health Sciences

University of California, Irvine • Irvine, CA • GPA: 3.5

06/2022

- Dean's List: Fall 2021-Spring 2022
- Public Health Association Board Member
- Prominent coursework: Case Studies/Principles in Public Health, Argumentation and Research, Public Health Practicum (Practical Application), Social Epidemiology, Global Change Biology, Medical Health Informatics

Skills

- Disease Trend Comprehension
- Quantitative/Qualitative Analysis
- Project Management
- Data Management

- Safety/Environmental Standards
- Prioritization
- Outbreak Case Definition
- Analytical Thinking

- Research/Development
- Epidemic Curve Modeling
- Experimentamentation
- Eagerness to Learn

Experience

Laboratory Research Intern

Prof. Jun Wu Environmental Exposure Laboratory • Irvine, CA

01/2022 - 08/2022

- Annotated 900+ pieces of imagery data to identify objects that may influence environmental exposure and health
- Utilized literature review and data analysis to generate associative conclusions toward air pollution and environmental health
- Used GPS data loggers to record air pollution in residential communities with an 80% confidence level to identify potential large sources of emissions
- Helped to increase the accuracy of the environmental data analysis algorithm by more than 6% with annotations

Public Health and Environmental Engineering Intern

County of Orange • Orange, CA

06/2021 - 08/2021

- Organized various live documents and reports pertaining to renewable energy management
- Collected data from different sites, managed waste from surrounding area, and performed ground water sampling
- Learned all facets of safety protocol and assisted in relaying back information to fellow co-workers
- Regularly attended renewable energy coordination meetings and contributed toward compliance eports for regulatory and legislative agencies

Projects

Environmental Health Grant Research Proposal (*Primary Researcher; 03/2022-06/2022*)
- Determined how specific pollutants affect indoor households, along with the health of their occupants
- Conducted cross-sectional study plan to examine differences in air pollutant concentrations and quantities within a 7-month period with a request for $377,504 in federal funding
- Detailed nuances of project including data analysis, collection, and sharing, study design, and sample selection

COVID Watch Web-Based Platform (*Team Member; 01/2022-03/2022*)
- Developed web-based application with a team intended to locate hotspots containing reported Coronavirus cases
- gathered various statistical measurements based on vaccination status, exposure, and disease state from user reports