

Data & Research Analyst with dual **B.S. in Applied Statistics and B.A. in Design from UC Davis**. Experienced in **collecting and analyzing quantitative and qualitative data, data cleaning, and user research** with applications in scientific research and community-focused design projects. Passionate about applying data-driven insights to improve user experience and organizational decision-making. Skilled in **Python, R, evidence-based analysis, collaborative teamwork, and survey design**, with strong ability to **present complex information to diverse audiences**.

Education & Certifications

Applied Statistics, B.S., Design, B.A

University of California Davis – Davis, CA

SEPT. 2020 – DEC. 2024

- Hands-on Introduction to Linux Commands and Shell Scripting, *IBM – July 2025*
- Project Planning, *Google – May 2025*
- Data Analytics in the Public Sector with R Specialization, *University of Michigan – April 2025*

Selected Research Projects

Analyst for Decoding Cancer: Analyzing Cancer Factors by Country, Data Visualization & Report

FALL 2024

University of California Davis – Davis, CA

- Cleaned and evaluated multi-source datasets (WHO, World Bank, academic databases) to study cancer incidence across 180+ countries.
- Analyzed global cancer incidence rates in relation to categorical factors such as education level, physical activity, and healthcare access.
- Visualized results using Python libraries (*Pandas, Plotly*) to identify geographic and socioeconomic patterns.
- Co-authored final research report, translating quantitative findings into visualizations and recommendations for diverse audiences.

Researcher For Davis Illuminated, Prospective Community Installation

SPRING 2024

University of California Davis – Davis, CA

- Designed and conducted surveys and interviews as part of scoping and planning process to define project criteria.
- Collaborated on iterative design process using design thinking, with sustainability as a guiding principle to respond to community feedback on the city of Davis' issues of public safety.
- Synthesized qualitative evidence with design frameworks to develop actionable recommendations and prototype that led to positive feedback and over 60% public interest.
- Partnered with community and team members to collect data, validate findings, and ensure we were addressing the City's needs.
- Presented findings to city representatives, driving awareness and recommendations.

Food Insecurity at UC Davis: Operational Researcher, Research

SPRING 2023

University of California Davis – Davis, CA

- Designed and administered surveys, forms, and interviews to assess student food insecurity, ensuring confidentiality and data reliability.
- Applied root cause analysis (SWOT/RCA) frameworks to identify gaps and recommended improvements in outreach and data collection processes.
- Presented and delivered findings informing policy recommendations to diverse audience.

Experience

Material Management

OCT. 2021 – DEC. 2024

California National Primate Research Center – Davis, CA

- Processed and delivered \$1,000+ worth of inventory daily to lead scientists and labs, supporting ongoing biomedical research.
- Collected, recorded, and analyzed inventory data for 1,000+ pharmaceuticals and warehouse items using inventory management systems.
- Conducted monthly inspections for expired pharmaceuticals throughout hospital and warehouse pharmacy in alignment with regulatory and safety standards.

Project Archivist & Social Media Intern

JUN. 2024 – AUG. 2024

John Natsoulas Gallery – Davis, CA

- Led archival documentation, digitization, and cataloging of 500+ art pieces and exhibition records, creating reliable and organized records.
- Wrote, photographed, researched, and edited for gallery Instagram posts: upcoming installations, exhibitions, travels, and general updates; campaigns reached 12,000+ views, supporting community engagement & strengthening institutional accessibility and reporting.
- Assisted with the coordination, installation and promotional exhibition material for artists/stakeholders Steven Thomas Higgins and Mark Abildgaard.

Key Skills

Analytical Tools: Python • R • Database Management (Excel, Google Sheets, Dropbox)

Evaluation Methods: Survey Design & User Research • SWOT Analysis • Descriptive & Inferential Statistics • RCA

Audit/Research Competencies: Evidence collection • Report Drafting • Microsoft Office Suite • Data Cleaning & Quality Assurance

Communication: Spanish Fluency • Research & Data Compilation • Report Writing • Adobe Creative Suite (Photoshop, Illustrator, InDesign) • Data Visualization • Public Presentations

Languages: English (Native) • Spanish (Native Fluency) • Italian (Learning)

Relevant Coursework

Regression Analysis • Analysis of Categorical Data • Sampling Theory • Statistical Data Science • Practice in Data Science • Game Theory • Intermediate Microeconomic Theory • Managing & Using Information Technology • Writing in Journalism • Human-Centered Design