

Shadia Duery

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"Passion for summarizing data to provide strong tools to make informed decisions."

Summary

Multidisciplinary, driven Data Analyst with a passion for condensing extensive data into a simple to understand story. Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts in layman terms to diverse audiences. Excels at solving complex problems.

Technical Skills

Tools: Intermediate Excel, Python Programming, JavaScript, HTML/CSS, API Interactions, Tableau, Fundamental Statistics, Machine Learning, Git/GitHub, ArcGIS

Databases: SQL and NoSQL

Computer Programs: Microsoft Office, SigmaPlot, Adobe Acrobat, Photoshop

E-marketing Platforms: Social media (LinkedIn, Facebook, Instagram), video content (YouTube, Vimeo), e-marketing (Constant Contact, MailChimp)

Online Communication Tools: Skype, Zoom, Google Hang Outs, Facetime, WhatsApp

Cloud base Tools: SmartSheets, Dropbox, FormSite, Gsuite

Languages: English and Spanish

Relevant Experience

International Fellowship Program Manager | 40hrs week | full time

2015 - 2020

World Forestry Center

Portland, OR

Supervisor: Sara Wu | 503-663-3697 | swu@worldforestry.org

This program brought together a cohort of 8 mid-career leaders worldwide to perform independent research to enhance the forestry practices within home countries by exchanging new ideas and approaches.

Duties: Managed all aspects of the program such as relationship building, contract management, communications, facilitating fellowship application process, evaluation, report writing, policy development, and while supervising fellows' research projects

Skills: Data Analysis, Lit Review, Management, Outreach, Budgeting, Project Management, Event Planning, Public Speaking, Customer Service

Tools: Excel, Smart Sheets, PowerPoint, Outlook, E-marketing

Key Accomplishments:

- Redesigned program management systems to improve efficiency and program experience, including implementing an orientation program and developing a housing program.
- Developed marketing and communication materials to support the fellowship program, including collateral materials, [a promotional video](#), [program blog](#), and a [YouTube Channel](#)
- Raised the program's profile both regionally and internationally through systematic program improvements.
- Reduced potential bias in candidate selection through the implementation of a panel application-review-committee.
- Created a platform for learning and networking opportunities with northwest forestry leaders through the development of a guest speaker lecture series and networking events.

Fish Biologist - Jr Scientist | 40hrs week | full time

Cramer Fish Sciences

2009 - 2013

Gresham, OR

Supervisor: Ian Courter | 503-663-3697 | ian.courter@mthoodenvironmental.com

This company is a consulting firm that researched fisheries topics for third parties.

Duties: Coordinated research activities among stakeholders, including universities, tribes, private companies, governmental entities, and non-profits. Developed and managed project budgets, compiled and summarized large data sets, collated and review project-reports.

Skills: Budgeting, Data Processing, Data Visualizing, Map Creation, Presentation Creation, Public Speaking

Tools: Excel, PowerPoint, Word, Outlook, ArcGIS, Sigma Plot

Key Accomplishments:

- Collected radio-telemetry data for a Pacific Lamprey Study in the Willamette Basin for two years and collaborated on the research analysis and report write-up.
- Collaborated on the research and publication of a paper titled "Resident rainbow trout produce anadromous offspring in a large interior watershed."

Projects - 2020

Covid19 Policy Implementation Comparison (TX vs. CA) | https://github.com/shadiaduery/bootcamp-group_project-1
https://github.com/shadiaduery/bootcamp-group_project-1/blob/main/PowerPoint_Covid_final.pdf

- **Business Question:** Do rates of Covid19 spread differ based on state policies implemented?
- **Hypothesis:** Stronger policies reduce the rate of spread of Covid19
- **Core Responsibilities:** Team management, project task assignment, data cleaning, exploratory analysis, and collation of team's outputs into a one concise PowerPoint presentation
- **Tools/languages used:** Python, Excel, PowerPoint, Linear Regression, HeatMaps, API calls, GitHub

World Cities Weather Analysis Web Visualizations | <https://github.com/shadiaduery/Web-Design-Challenge>
<https://shadiaduery.github.io/Web-Design-Challenge>

- **Project Description:** Weather-Data of over 500 cities worldwide gathered via IPA calls to analyze potential correlations between the variable Latitude and Temperature, Cloudiness, Wind-speed, and Humidity.
- **Core Responsibilities:** Data collection, analysis, visualization, and website creation
- **Tools / languages used:** Python, Pandas, Jupyter Notebook, Matplotlib, Seaborn, HTML/CSS, Bootstrap

Education

2020 - 2021: Data Analytics Certificate | University of Oregon (graduation 03/2021)

A 24-week (1,000 hrs.) intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning

2004 - 2006: Dual Major: MS Env. Planning and Management | Forestry | Louisiana State University

RELEVANT COURSES | CREDITS: Exp Statistics I (4) | Statistics Techniques II (4) | Spatial Modeling of Env. Data (3) | Env. Policy Analysis (3) | Forest Economics (3) | Env. Economics and Policy (3) | Env. Law and Regulation (3) | Watershed Hydrology (3) | Energy and Environment (3) | Env. Conflict Resolution (3) | Land Use Law and Regulation (3) HONORS: Gamma Sigma Delta and Chi Sigma Phi member | GPA: 3.80

1997 - 2001: BS Natural Resource Management | Zamorano University | Honduras - Central America

RELEVANT COURSES | CREDITS: Mathematics I (4) | Mathematics II (4) | Mathematics III (4) | Statistics I (4) | Statistics II (4) | Accounting (4) | Finances (4) | Economics (4) | Env. Economics (4) | Business Admin (4) | Marketing (3) | Market Research (4) | Communication Methods (3) | Technical Communication (4) | Technical Writing (1) | Research Methodologies (3) | Social Research Methodologies (4) | Project Design and Evaluation (3) | Decision Making Management Systems (3) | Rural Development Project Management (4) | Topography (1) | Aquaculture (3) | Forestry (3) | Irrigation (3) | Nat. Res. Mgt and Conservation (3) | Nat. Res. Protection (4)