Jacob McKelvy

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SKILLS

Data & Analytics: SQL, Power BI, Excel, ArcGIS, Tableau, DAX, Data Cleaning, Time Series Forecasting
Programming & Tools: Python, R, Scikit-learn, Pandas, PostgreSQL, Git, Docker
Infrastructure & Automation: Docker Compose, Linux (WSL), API Integration, Web Scraping
Business & Research: Survey Design, Market Research, Data Visualization, Public Speaking

RELEVANT EXPERIENCE

Freelance Analyst   2023 – 2025
Corvallis, OR

- Built and maintained a self-hosted analytics server using Docker, Python, and PostgreSQL to manage and analyze large datasets.
- Conducted and presented market research for a proposed brewery, including target audience, competitors, and location analysis.
- Assisted in forming a small business, including LLC registration and advising on early-stage operations.

Logistics Planner | Lulu Sugar Candles   2020 – 2021
Laguna Niguel, CA

- Optimized packaging workflows, reducing processing time and increasing daily shipment capacity.
- Managed logistics and shipping for 500+ daily orders, balancing cost, size, and fragility to ensure cost-effective, damage-free delivery.

Sergeant (Team Leader) | United States Marine Corps   2016 – 2020
Camp Lejeune, NC

- Prepared and presented readiness briefings to regimental-level commanders, translating complex radio systems and operational capabilities into actionable insights during high-stakes live-fire environments.
- Designed and maintained Excel-based systems to track $15M+ in equipment and personnel status.
- Coordinated daily operations for 50+ Marines, ensuring mission readiness, accountability, and performance.
- Led joint training exercises with foreign military partners, aligning mission objectives and ensuring operational safety and cultural coordination.

PROJECTS

Veteran Benefits Tool | Personal Project (In Progress) – Designing a Python/PostgreSQL web app to help disabled veterans compare VA benefits, tax exemptions, and cost-of-living by state. Integrates Census and VA datasets to support relocation planning based on financial optimization and healthcare access.

Food Access Mapping | GEOG 201: Geospatial Science and GIS – Built a collaborative ArcGIS map highlighting grocery stores, food pantries, and transit routes in Corvallis. Analyzed spatial relationships between cost of food and access for low-income residents to identify food deserts and propose equity-focused solutions.

EDUCATION

Bachelor of Science in Business Analytics
Concentration: Market Research and Consumer Analytics
Oregon State University | Corvallis, OR | Aug 2025