

WORK EXPERIENCE

ANALYTICS ENGINEER II | Curaleaf Holdings Inc. - Chicago, IL

(06/2025) – Present

- Engineered scalable data pipelines powering financial and earnings reporting, reducing our database footprint by 17% and improving daily run-time by 31%.
- Built a company-wide CRM data mart unifying customer interactions, opt-ins, and preferences across 5+ source systems powering targeted campaigns that lifted click-to-open rate 2.5x (4% to 10%) and cut unsubscribe rate 43% (0.35% to 0.2%).
- Developed and deployed new loyalty data marts to track loyalty usage and real-time challenge completion, driving a 2.3x increase in nationwide enrollment rates for our expanding loyalty program.

DEPUTY DATA DIRECTOR | Democratic National Committee / AZ Coordinated - Phoenix, AZ

(05/2024) – (11/2024)

- Automated generation of volunteer canvassing materials, compressing a multi-week manual process into a ~30-minute script, enabling field teams to reach high-priority voters faster throughout the campaign.
- Built data-driven dashboards and reports (BigQuery, HEX, SQL) to identify key voter engagement opportunities and enhance strategy alignment.
- Delivered rapid-response data solutions as priorities shifted across the cycle, including data ingestion pipelines for 15,000+ rally attendees to power downstream GOTV targeting and outreach.

UX/UI MANAGER / FULL-STACK ENGINEER | Meteor Studio - Tempe, AZ

(07/2022) – (12/2023)

- Led a team of 7 studio developers building and maintaining front-end and back-end applications (C#, Firebase, RESTful APIs, Unity).
- Standardized UI/UX design and development frameworks for a consistent look and feel across desktop, mobile, VR headsets, and tablets.

SKILLS

PROFICIENCIES: BigQuery | C# | C++ | Data Visualization | DBT | Figma | HEX | HTML/CSS | Java | JavaScript | Microsoft Office Suite | OMNI | PostgreSQL | Python3 | Snowflake | VSCode

PROJECTS

Arizona Democratic Party 2024 Campaign:

- Designed and developed automation scripts for voter, volunteer, and worker mobilization.
- Enabled party officials to adapt strategies and efficiently allocate ~\$100,000 in resources statewide.

Planetary Parfait:

- Developed online platform that acquires planetary data from GIS APIs and generates 3D data-rich terrains.
- Enabled users to explore virtual and augmented reality landscapes, improving understanding of datasets.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | Arizona State University, Tempe, AZ

Concentration: Software Engineering | Summa Cum Laude, 3.87 Cumulative GPA