David Dixon

chimichanga@g.ucla.edu

EDUCATION

App Academy Full Stack Software Development Bootcamp
Self Study - In Progress

University of California Los Angeles – Los Angeles, CA
BA in Geography, Minor in GIS and Technology

Relevant Coursework

Advanced GIS	GIS Programming & Development (Python)
Advanced Remote Sensing & GIS	SQL Bootcamp(PostgreSQL)
Cartography	

EXPERIENCE

Information Systems Analyst – Consultant   **Mar 2018 – August 2019**
F.E. Jordan Associates Inc. at The City and County of San Francisco (SFPUC) – San Francisco, CA

- Create, manage, and execute SQL QA/QC workflows for incoming pipe asset data
- Create Cognos BI reports for data integrity and streamlined access across the organization
- Provide technical support for GIS projects
- Produce online video training content for WinCan and Cognos BI
- Support management with and pilot new hire onboarding process development

Student Design Trainee - Telecom GIS Intern   **Jul 2017 – Feb 2018**
The City and County of San Francisco – San Francisco, CA

- Create a map automation process using Python programming
- Create a spatial SQL workflow for 311 incident reporting
- Provide support for internet connectivity projects via broadband and fiber optic maps.
- Provide maintenance and updates for existing ArcGIS projects
- Coordinate and participate in project meetings

Administrative Intern   **May 2016 – Mar 2017**
The City of Santa Monica – Santa Monica, CA

- Conduct field investigations and surveys of infrastructure
- Maintain records of city street maintenance
- Create ArcGIS layers and maps for street maintenance projects
- Manage stock and inventory records

Student Research Assistant III   **Jan 2016 – Feb 2016**
UCLA Institute of Transportation Studies – Los Angeles, CA

- Collect field data to help inform research on bicycle lanes and their effects on greenhouse gas emissions
- Participate in methodology and protocol training for count and survey administration