

David Dixon

me@daviddixon.io

EDUCATION

App Academy Full Stack Software Development Bootcamp

Self Study

University of California Los Angeles – Los Angeles, CA

BA in Geography, Minor in GIS and Technology

PROJECTS

Lord of the Gram

A clone of Instagram featuring characters from The Lord of the Rings

- Account creation and user authentication
- Follow other users
- Like and comment on posts
- “Infinite” scrolling

1024

A clone of the game 2048

- Slide tiles using keyboard input
- Merge tiles of the same value
- High score saved in browser (local storage)
- Create 1024 tile to win | Fill the board to lose

Tech Stack

HTML / CSS / Javascript	Ruby and Ruby on Rails	React and Redux
SASS / ES6 and JQuery	PostgreSQL	AWS

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