Dustin Irwin

Data Analytics

503.810.6415

dusty.irwin@gmail.com, www.github.com/dustyirwin

Skills

MS Office Suite including Teams, PowerPoint and Excel. Python including pandas, scikitlearn, matplotlib, seaborn. Modeling methods including linear regression, clustering, random forests, XGBoost. Visualizations and dashboards with Tableau, PowerBI and Plotly Dash. Machine learning, exploratory data analysis and communication skills.

Experience

ICF, Remote *Data Scientist*

FEBRUARY 2021 - FEBRUARY 2023

- Primary analyst for Home Optimization pilot program for Southern California Gas.
- Developed machine learning time-series energy forecasting models of residential homes.

The Cadmus Group, Portland, OR *Senior Analyst*

JANUARY 2018 - AUGUST 2020

- TRM reviews of utility energy and demand savings programs.
- Developed engineering tools for energy data and image analysis.

ICF, Portland, OR *Energy Management Specialist*

MARCH 2014 - AUGUST 2018

- Post-install inspections of building energy efficiency projects.
- Development of new energy efficiency measures for Energy Trust of Oregon.

Education

Portland State University, Portland, OR *B.S. of Mech Engineering*

SEPTEMBER 2010 - JULY 2015

Portland State University, Portland, OR *M.S. of Applied Data Science for B.I.*

SEPTEMBER 2021 - JUNE 2023

Coursera, *Google Data Analytics & Advanced Data Analytics Certificates*

JULY 2023 - OCTOBER 2023

Awards

"Employee of the Quarter" Q2 2015