

Contact

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(LinkedIn)

Top Skills

Matlab
Mathematical Modeling
Data Analysis

Adam Luke, PhD

Data Scientist at Appriss
Orange County, California Area

Summary

Data Scientist with experience delivering data-driven software solutions. Develops all aspects of software stack, from machine learning model development to front-end integration. Domain expertise in predictive modeling of severe weather impacts and risk.

Experience

Appriss

Data Scientist

March 2020 - Present (1 month)

Irvine

Data Science R&D for new and existing products across multiple business units

ViaLoop

Data Scientist

October 2018 - March 2020 (1 year 6 months)

Orange County, California Area

- Build machine learning models and integrate them into software stack
- Work with end users to develop data-driven solutions to business needs
- Effectively communicate model insights to produce actionable analytic deliverables

Trilogy Education

Teaching Assistant: Data Analytics

October 2018 - March 2019 (6 months)

Irvine, CA

- Taught data analytics bootcamp for professionals who want to pick up coding and analytic skills or transition into the technology field.
- Helped students learn the fundamentals of python, SQL, data analytics, and machine learning.
- Many former students found positions at major technology firms.

UC Irvine

PHD Graduate Student

September 2013 - June 2018 (4 years 10 months)

Irvine, CA

- My dissertation research focused on predictive models of flood frequencies in the context of changing environmental conditions.
- I collaborated with social scientists to improve the utility and clarity of flood hazard data for non-technical end-users.
- My research produced three publications in top-tier academic journals and guidelines for practicing engineers to predict flood risk in the context of climate change. Research was funded under a \$3 million grant by the National Science Foundation.

Education

UC Irvine

Doctor of Philosophy - PhD, Civil Engineering · (2013 - 2018)

University of California, Irvine

Master of Science (M.Sc.), Civil Engineering · (2013 - 2015)

The Ohio State University

Bachelor of Science (B.S.), Environmental Science · (2009 - 2013)