

Contact

www.linkedin.com/in/matt-dawson-268b06a1 (LinkedIn)
mwdawson.github.io (Personal)
github.com (Portfolio)

Top Skills

R
Statistics
Statistical Modeling

Publications

Minimal Geometric Representation and Strawberry Stem Detection

A High-Density Genetic Map of Wild Emmer Wheat from the Karaca Dağ Region Provides New Evidence on the Structure and Evolution of Wheat Chromosomes

Dynamic Modeling of Conditional Quantile Trajectories, with Application to Longitudinal Snippet Data

Structural variation and rates of genome evolution in the grass family seen through comparison of sequences of genomes greatly differing in size

Genome sequence of the progenitor of the wheat D genome *Aegilops tauschii*

Matt Dawson

Data Scientist at Google
Orange County, California Area

Experience

Google

Data Scientist

August 2017 - Present (2 years 8 months)

Mountain View, CA / Irvine, CA

- Metrics research and development
- Quality evaluation and experimentation for Google Search (A/B testing)
- Dashboarding and visualization
- Tools: R, SQL

UC Davis

Graduate Student

September 2012 - June 2017 (4 years 10 months)

Davis, CA

- Research in Longitudinal and Functional Data Analysis
- Collaborations in Genomics, Nutrition, and Health
- Teaching Assistant for courses ranging from Regression Analysis to Mathematical Statistics
- Graduate Student Researcher and Consultant on large genome sequencing project
- Associate Instructor for Elementary Statistics
- Tools: R, SAS, Unix/Linux, LaTeX, Python, Excel

Allstate

Data Scientist Intern

June 2016 - September 2016 (4 months)

Menlo Park, CA

- Event prediction utilizing Machine Learning models
- Data pipeline implementation using Hadoop/Hive
- Exploratory data analysis, data cleaning, data validation
- Consultant to business partners within Allstate
- Tools: R, Unix/Linux, Hive, SQL, MS Office

Prescio Consulting, LLC

Statistician Intern

June 2014 - September 2014 (4 months)

Casa Grande, Arizona

- Time series modeling, model validation, and research
- Exploratory data analysis and data validation
- Report preparation for consulting meetings with clients
- Tools: R, SAS, MS Office

California Heat Volleyball Club

Head Volleyball Coach

October 2009 - June 2012 (2 years 9 months)

Camarillo, California

- Head Coach for several competitive volleyball teams
- Designing of practices and managing players

Paradise Pool Service

Pool Serviceman

June 2004 - September 2008 (4 years 4 months)

Newbury Park, California

- Managing up to 40 swimming pool accounts including weekly service
- Maintaining customer relationships
- Minor repair work

Education

University of California, Davis

Doctor of Philosophy (Ph.D.), Biostatistics · (2012 - 2017)

California State University-Channel Islands

Bachelor's degree, Mathematics · (2008 - 2010)