Edward Podojil

http://heypodo.com   epodojil@gmail.com   New York, NY

Work Experience

Data Operations Consultant, Minibar Delivery
January 2015 - Current

Software engineering support for data oriented projects such as capturing click activity and invoicing. Built ETL processes for cohort analysis and reports for the board and VCs.

Data Science Instructor Fellow, General Assembly
May 2013 - Current

Teach and contribute development of the Data Science curriculum for classes and workshops in New York. As a fellow, this includes classroom observation to provide instructional feedback for new Data Science instructors to improve the quality of education at General Assembly.

Data Scientist, Homejoy
October 2013 - January 2015

Built and maintained a data pipeline from various data sources (Google Docs, Adwords, App Engine) into a data warehouse. Trained operations and growth analysts on SQL to improve data flow and create a data driven environment. Taught weekly internal classes on data analysis basics, from data visualization to interpretation of generalized linear models.

Built web applications in R and Python for the digestion of metrics, and provided additional analytics views to data not available or operational in the primary engineering stack.

Deployed machine learning models on EC2 to interact with customer data and predict customer retention and CLV based on a variety of features, as well as clustering analysis on marketing and ad performance data to understand customer segmentation and optimize targeting.

Software Engineer, Animoto
July 2011 - September 2013

Maintained tools designed to transform and aggregate data from various sources, including logs, MySQL, and Mongo. Built reporting tools that allowed product team members and analysts to easily navigate and explore data to inform business decision making. Taught interns each quarter about data analysis and how to find data they are looking for, and led a data engineering intern, teaching SQL, Ruby and R for improving reports and fixing data bugs.

Other experience at Animoto includes A/B test implementation, gzip package management, web performance, and WordPress administration.

English Teacher, Percussion Director, Napa Valley Unified
November 2008 - June 2011

Responsible for teaching English 9 - 12. Used student performance and survey data to create effective learning/writing student groups, where most students improved by half a letter grade by end of year.

With the percussion program, turned a small ensemble of about 30 students into a high performing and competitive group, winning championships several times in their division. Students were challenged to iterate and perform at their highest levels, where every detail counts.

Volunteer Experience

Engineering Lead, DataKind
January 2015 - Current

Additional support for their engineering team, providing direction for data warehousing and help migrate the staff from Salesforce onto a self maintained CRM built in Flask.

Tutor, 826
2009 - 2010, 2012 - Current

Education

Master of Arts, Education, University of California, Davis
March 2011

Researched vocabulary and reading literacy strategies. Analyzed data to determine student successes and needs. Improved student test scores an average 15 points and passing rate from 58 to 76 percent.

Single Subject Teaching Credential, University of California, Davis
June 2009

Bachelor of Arts, University of Connecticut
March 2011

Technical Skills

Strengths (in order of experience)	**Familiar, with limited experience**
Python, pandas, nltk, sklearn, flask	Splunk, mapreduce, Spark
R, dplyr, reshape2, shiny	
Ruby, sinatra, rails	