

# Zach Landes

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## Data Engineer

### WORK EXPERIENCE

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**Product and Data Consulting** • 10/2022 - Present

#### Independent Consultant

- Developed user personas and defined and designed analytics dashboards for key stakeholders at a concert-streaming startup.

**Gracenote** • Emeryville, CA, USA • 10/2017 - 01/2023

#### Software Engineer

- Rearchitected a near real-time cloud data platform in Scala Spark, Apache Kafka, and Delta Lake for \$50M international data product in team of 5
- Debugged production issues during regular on-call shifts, including issues with HBASE, Cassandra, SQL Server, and Spark.
- Designed and implemented data pipeline error messages and monitoring systems using AWS Lambda and SNS to notify upstream sources of errors.
- Wrote DAGs in Airflow for multi-task production data pipelines.
- Created the team's implementation of cloud infrastructure as code using AWS CDK and typescript

**Mayview Community Health Clinic** • Mountain View, CA, USA • 10/2014 - 04/2020

#### President, Board Of Directors (Volunteer)

- Led recovery of a nonprofit health center for the medically underserved, which has three locations, serves over 9,000 patients annually, and has over \$9 million in annual revenue

**Gracenote** • Emeryville, CA, USA • 02/2016 - 10/2017

#### Content Data Analyst

- Produced analyses and over 20 dashboards on world's largest store of music metadata contributing to launch and sales of \$10M annual revenue product

**Walmart Labs** • San Bruno, CA, USA • 10/2014 - 02/2015

#### Product Manager, Analytic Insights, Contract

- In team of two, acted as central data analysis resource for all product managers on the ECommerce site, which had a multi-billion-dollar annual revenue

**Institute for Social Research, University of Michigan** • 10/2010 - 08/2012

#### Economic Research

- Conducted statistical analyses of multi-million row data sets, programmed a web scraper in Python, and used OCR to generate a novel data set with 5-million rows from paper sources

**Ness Computing (Acquired By Open Table)** • Palo Alto, CA, USA • 10/2009 - 08/2010

Developer of restaurant recommendations app for IOS

#### First Employee; Director Of Marketing & Product Team Member

- In team of 3, specced, wireframed, and usability tested app that was selected for Best of 2012 list by Apple App Store

## EDUCATION

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### **Software Product Management Spm Certificate**

**Product School** • San Francisco, CA, USA • 12/2017

### **PhD (did not complete) in Economics**

**UCLA Anderson School Of Management** • Los Angeles, CA, USA • 09/2012 – 10/2013

### **M Sc Economic History**

**London School Of Economics And Political Science** • London, England, UK • 12/2009

### **B.A. Modern European History**

**Emory University** • Atlanta, GA, USA • 12/2008

## CERTIFICATIONS

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### **Software Product Management spm** • 12/2017

Product School

## SKILLS

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Airflow, AWS Athena, AWS EC2, AWS EMR, AWS Lambda, Database Design, Delta Lake, Glue, HBASE, HDFS, Java, Kafka, Machine Learning, Python, S3, Scala, Shell Scripting, Spark, SQL, Terraform