

SAMUEL D. MEYER

smeyer@ischool.berkeley.edu | www.samueldmeyer.com

Synthesizing skills in engineering and design to build better products

EDUCATION

University of California, Berkeley

Master of Information Management and Systems, Expected 2018

Product Management, Data Visualization

Harvey Mudd College

B.S., Engineering, 2012

AWARD

School of Information Fellowship, 2016

Highest award given by UC Berkeley School of Information

PATENT

Trolley Braking System

Patent US 8960098 B2

Zip line braking system for Skyline Eco-Adventures

SOFTWARE SKILLS

Python, Pandas, R, JavaScript, Node.js, Backbone.js, D3.js, Docker, SQL, Tableau, JIRA

EXPERIENCE

Graduate Student Instructor - Information Visualization and Presentation / 2018 – Current

UC Berkeley, Berkeley, CA

- Teaching students Information Visualization, including tools like D3.js and Tableau

Technical Product Manager Intern / 2017 – Current

StreamSets, San Francisco, CA

- Led UX product management, including prioritizing UI elements and running user testing.
- Created product demonstrations for ingesting data to Hadoop, Hive, MapR, and other big data storage for use cases in data warehousing, IOT, and cybersecurity. (Docker, D3.js, Node.js)

Software Engineer / 2012 – 2016

John McNeil & Company, Inc., San Diego, CA

Management and Leadership

- Managed development of laboratory software that allowed chemists to double the number of chemical libraries synthesized.
- Managed two other developers to add new features to a data analysis system.
- Ran Scrum meetings for agile software development.

Software Development

- Developed company's flagship product: a data entry interface for biologists and chemists to store a variety of scientific data and intelligently guide them toward proper formatting. (R, Node.js, Backbone.js)
- Worked directly with client to develop an API retrieval system that reduced data visualization refresh time from a month to a few days. (Python, SQL)
- Updated and documented a custom laboratory information management system. (VBA Excel)

PROJECTS

A Path to Random Forest / waternova.github.io/random-forest-viz

- Created a visualization of the random forest machine learning algorithm.
- Presented at 2017 IEEE Information Visualization conference as a poster.

Analyzing MOOC Dropout with Neural Networks

- Predicted student dropout from MOOC's leveraging recurrent neural networks. (Keras, Pandas, Python)
- Managed team project plan and schedule.