

Matthew D. Sevens

Cell: 707-490-6848
msevens@gmail.com

OBJECTIVE: To obtain a position as a machine learning engineer to further contribute to research in machine intelligence

EXPERIENCE

WORK

Cognicism, Santa Rosa 05/17 – Present

Co-Founder (05/17 – Present)

- Build and promote technology that secures freedom of speech, freedom of thought, decentralization of power and distributed growth of collective well-being

Yodlee, Redwood City 07/12 – 05/17

Data Scientist (07/16 – 05/2017)

- Identify key areas throughout company that can be improved or optimized using machine learning techniques
- Research and develop prototypes for key areas of financial analysis including aggregation, classification and prediction

Principal Research Engineer (10/14 – 07/16)

- Develop highly scalable classifiers / predictors and tools leveraging machine / deep learning in cloud-based applications
- Actively participate in the research and development of novel machine learning and analytical models for data-driven products
- Build and design data pipeline and design workflows for automated model training, evaluation and deployment in AWS

Senior Software Engineer (02/14 – 10/14)

- Research and development of data processing and enrichment solutions for unstructured financial data. Primary focus on machine learning solutions and data science to enrich over 18 billion financial transactions with additional metadata and profitable insights.

Software Engineer (07/12 – 02/14)

- Provide front and back end development using Javascript, HTML, and CSS for personal finance management software
- Creation of Node.js framework for development of applications using Yodlee financial data

Bluebird Interactive, Rohnert Park 05/11 – 03/12

Client Productions Manager

- Web development and project management
- Client website production using Drupal, PHP, Javascript, JQuery, HTML, and CSS

PROJECTS

Yodlee Meerkat Financial Classification System: 2013 – 2017

- A scalable, trainable, reliable and accurate set of algorithms to identify the source and metadata of billions of financial transactions

Yodlee HTML Finapp Framework: 2012 – 2013

- A framework for development of financial applications using Yodlee data. Featured on Bank of America, Fidelity, Chase, RBC.

Prophet: 2014 – Present

- A system to store and collectively analyze truth over time
- Aggregation and indexing of thoughts and perception of truth and positivity of thoughts over time
- Analysis of predictive accuracy over time

Prophet Mind: 2015 – Present

- Framework for analysis and visualization of text-based thought over time
- Visualization of text content using stream graphs and tree structures using D3, Scikit-Learn, and Word2Vec
- Deep learning and character level classification using TensorFlow
- Automated sentiment analysis and visualization of positivity of thoughts over time

SKILLS

Machine Learning

TensorFlow

Data Visualization

Character Level Text Classification

Deep Learning

Pandas

Javascript

Elasticsearch

Research

AWS

D3

Optimization

Python

Scikit-Learn

Shell Scripting

EDUCATION

University of California, Davis, CA 2006 – 2009

Major in Psychology/ Minor in Communication

GPA: 3.74/4.00

ACCOLADES

Yodlee MVP – 2014 Q3 and 2013 Q3

Semifinalist at Angelhack Boston 2012

Graduated from UC Davis with High Honors

Dean's Honor List – 8 times UC Davis