Evan Doyle

A software engineer with full-stack experience and a proven interest in ML/AI

EXPERIENCE

Carta, Inc., Palo Alto CA — *Software Engineering Intern*

JUNE 2017 - PRESENT

Currently use **Looker** and **Jupyter** to extract and display useful metrics for the Valuations team. Over the summer, built **import/export tool** for Key Performance Indicators (KPIs). This enabled investors on the Carta platform to track KPIs of their portfolio companies. **Extended data model** for corporation financials to accommodate manually entered historical data without interfering with existing usage of the model.

Castlight, San Francisco CA — *Software Engineering Intern*

JUNE 2016 - AUGUST 2016

Built frontend and backend of a **fully-functional feedback system** for an internal tool with voting, comments, and discussion threads. Worked with Sales and Design teams to streamline and redesign a **customer-facing pdf export**. Used data from Mixpanel to **triage slow-loading pages**.

EDUCATION

University of California: San Diego, La Jolla CA — *BSc. Computer Science*

FALL 2014 - SPRING 2018

GPA: 3.623, Minor in Mathematics

PROJECTS

Alpha Chess Zero — *A Chess Engine*

I used **TensorFlow** and **PyChess** to implement a chess engine training pipeline modeled after Google DeepMind's Alpha Zero. The core algorithm was Monte Carlo Tree Search guided by a Deep Convolutional Neural Network. [**https://github.com/emdoyle/chess_ai**]

TwitterMap — *A heatmap of influential Twitter users*

I used **Stardog** and **Protege** to access, manipulate, and store linked data on influential Twitter users and connected this data to a front-end Google Maps heatmap built by my partner. [**https://github.com/caelean/twittermap**]

SKILLS

- Proficient: **Python, Javascript**
- Familiar: **Java, C++, SQL, HTML, CSS, Ruby, Swift**
- Frameworks: **Django, React, Redux, Ruby on Rails**
- I have used **Git, Jira, Asana, Slack**, and **Confluence** to manage projects