

CONNER DIPAOLO

github.com/cdipaolo

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EXPERIENCE

Yelp – *San Francisco, CA*
Intern – Spam Team

May 2016 - August 2016

- Primary contributor to a widely used database replication service marshalling Kafka messages into MySQL statements.
- Re-trained a stale language model for spam detection. Improved real world performance significantly and streamlined re-training flow for future use.
- Integral in design and implementation of a model development framework used across the spam team. Implemented first model (currently in production) using this framework.

Veritone Media – *Newport Beach, CA*
Intern – Venture funded series B startup giving corporations actionable insight into media.

July 2015 - August 2015

- Developed a production ready, open source sentiment analysis engine using my own machine learning library (using a Naive Bayes model on IMDB data.)

Soulsoup – *Newport Beach, CA*
Lead Engineer – Non-profit networking people who give with people who need. Funded by Veritone founder.

December 2014 - August 2015

- Developed a scalable, tested REST API in Golang which interacted a PostgreSQL database and implemented a cross platform mobile frontend.
- Ran Dev-Ops to set up servers and distribute traffic to the REST API across multiple nodes.

OPEN SOURCE

GOML
Creator

github.com/cdipaolo/goml

- Developed the only machine learning library to use data channels (as an option over batch learning) to train models in an 'Online' and parallelizable way.
- Wrote the second most starred Golang machine learning library on GitHub (600 stars).
- Implemented 11 diverse machine learning models in a well documented, heavily tested, and intuitive API.

EDUCATION

Harvey Mudd College
Mathematics – 3.85 in-major GPA

Expected Graduation 2019
3.75 GPA

Math 189r
Teaching Assistant – Mathematics of Big Data

math189r.github.io

- Designed syllabus, created course materials, and wrote midterm with guidance from Professor Weiqing Gu.
- Lectured supplementary material and review sessions on Thursdays.
- Held office hours and graded student work, projects, and exams.

TECHNICAL SKILLS

Programming Languages
Numerical Software
Web Backend Technologies

Python, SQL, Go, Javascript.
Numpy, Scipy, Pandas, Matplotlib, Matlab.
PostgreSQL, Martini, Golang Net/HTTP Libraries, Linode, AWS S3.