

JEREMY CHOW

DATA SCIENTIST & ANALYST

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in jeremy-chow 🌐 jeremyrchow

EXPERIENCE

Metis

Data Scientist Fellow

San Francisco, CA
Apr. 2019 to July 2019

Developed several Data Science projects as part of a competitive data science program focused on real-world data modeling with current industry practices such as regression, machine learning, NLP, neural nets. Project portfolio can be found [here](#):

- [Recommender System](#): Suggested games for content creators to stream based on previous streaming activity and LSTM time series analysis on streamer/viewer balance data on Twitch. Built complete data pipeline that automated Twitch API calls on an Amazon EC2 instance and stored data in SQL database on an Amazon RDS instance. [Featured in Towards Data Science on 6/20/2019](#)
- [Natural Language Processing](#) - Predicted the probability that an online comment is toxic. Implemented model on [website](#) and through Twitch chatbot to classify live chat in real time. [Featured in Towards Data Science on 6/26/2019](#)
- Classification - Predicted whether a Lending Club loan would default using random forest and gradient boosting classifiers
- [Modeling Video Game Sales](#) - Predicted video game sales using linear and Poisson regression analysis on public data scraped from VgChartz.com.

Geo M. Martin Company

Electrical and Controls Engineer

Emeryville, CA
Feb. 2018 to Mar. 2019

Engineer providing technical customer support and system design for the production of containers.

- Programmed with industrial control systems in C.
- Designed UI elements that were deployed for industrial machinery.

San Francisco State University

Software Engineering Research Intern

San Francisco, CA
June 2015 to Aug. 2015

Intern tasked with visualization of nerve signal data collected from the forearm to identify hand gestures.

- Developed dashboard using C++ for intuitive data visualization and classification model selection.
- Visualized electric nerve signals intuitively using real-time radial graphs and line charts for signal magnitude.

San Mateo Community College District

Math and Physics Tutor

Redwood City, CA
June 2013 to June 2015

Peer to peer tutor relaying college-level physics and calculus to fellow students.

- Broke down complex technical concepts for students of all ages and backgrounds, technical and nontechnical.

EDUCATION

UC Berkeley

BS Mechanical Engineering 2017

General mechanical engineering breadth with focus on feedback control systems

SKILLS

PROGRAMMING: Python, SQL, Matlab, C & C++, noSQL, Spark, Terminal/Commandline, AWS EC2, RDS

DATA MODELING: Machine Learning, Natural Language Processing, Neural Nets, Linear Regression, Logistic Regression, Classification, TensorFlow, Keras, Recommender Systems

DATA ANALYSIS: Pandas, NumPy, Matplotlib, Tableau, Scikit-Learn