

# Mark Shin

## Data Scientist - Homebase

San Francisco, CA - Email me on Indeed: [indeed.com/r/Mark-Shin/b6ccddad19f04e55](https://www.indeed.com/r/Mark-Shin/b6ccddad19f04e55)

Willing to relocate to: San Francisco, CA - New York, NY - Los Angeles, CA

Authorized to work in the US for any employer

## WORK EXPERIENCE

### Data Science Consultant

Homebase - San Francisco, CA - November 2016 to Present

- Built and deployed a machine learning-based recommender to match local businesses with potential employees
- Helped direct marketing resources by clustering customer segments and identifying users with a high likelihood of turnover
- Developed a machine learning framework to automatically identify customers with a high chance of enrolling in premium service

### Data Scientist

States Title - San Francisco, CA - November 2016 to Present

- Collaborated in building out a machine learning model to automate the title insurance underwriting process
- Used natural language processing to process and analyze title insurance notes
- Utilized the census API to mine block-level data
- Converted PDF texts to CSV data using Google Vision and other open source resources

### Data Scientist

Riviera Partners - San Francisco, CA - October 2016 to Present

- Conducted sentiment analysis on internal text data using Word2Vec, Doc2Vec, and a logic-based analyzer called VADER
- Built a model to parse out information from unstructured text using NLTK and implemented a Flask API to utilize this model
- Generated a model to classify the true job title of a person by looking at his or her resume

### Data Science Fellow

Metis - San Francisco, CA - July 2016 to September 2016

- Gained proficiency in industry-standard data science tools and machine learning techniques as part of an immersive program
- Built a music recommender which uses a convolutional neural network to recommend brand new songs with no usage data
- Created a d3 visualization which mapped new songs to a two-dimensional t-SNE graph displaying clusters of genre
- Developed a machine learning pipeline using natural language processing and logistic regression to detect humor in Yelp reviews

### Senior Analyst

Ipreo - New York, NY - June 2014 to June 2016

- Analyzed institutional investment trends in capital markets by utilizing DTC data and fund databases

- Designed reports analyzing valuation metrics and stock performance of public technology companies
- Evaluated securities by identifying technical indicators such as resistance levels
- Analyzed sell-side research notes and published internal memorandums highlighting key trends

## EDUCATION

### **B.A. in Mathematics**

Middlebury College

2014

## LINKS

<http://dohyunshin.com>

<https://github.com/dohyun0012>

## ADDITIONAL INFORMATION

Python, SQL, Bash, R, Matlab, Java, JavaScript, HTML, CSS, PostgreSQL, MongoDB, AWS, Linux, d3, Periscope, Excel