

# Jian Li

PYTHON PROGRAMMER · DATA ANALYST

San Leandro, California

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## Education

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### University of California, Berkeley

BACHELOR OF ARTS, STATISTICS & GEOGRAPHY

*Berkeley, California*

*Sep. 2011 - Jun. 2015*

- Relevant coursework: Linear regression, Time series modeling, GIS

## Skills

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<b>Data Analysis</b>	Python (Pandas, Numpy, Scikit-learn, StatsModel), Groovy, Ruby, R, Microsoft Excel, SQL
<b>Data Visualization</b>	Python (Matplotlib, Flask, Plotly, Dash), BI Dashboarding
<b>Software</b>	Microsoft Office Suite, ArcGIS, Adobe Photoshop, eMarketing Platforms (Google Analytics, Facebook & Youtube API)
<b>Languages</b>	English, Cantonese, Mandarin

## Work Experience

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### TrendLine Insights LLC.

PYTHON PROGRAMMER

*San Francisco, California*

*Jul. 2018 - PRESENT*

- Developed and implemented work flow to automate data retrieval and storage using RESTful API.
- Built and maintained interactive web dashboard application and back-end database for data quality monitoring.
- Developed tools to automate monthly report generation to accurately scale up and accelerate the report delivery process.

### Beckon Inc.

DATA SOLUTIONS CONSULTANT

*San Mateo, California*

*Feb. 2017 - Jan. 2019*

- Provide consultation for clients to translate business objectives into functional data requirements and balance them with technical feasibility.
- Proactively set and manage client expectation on project implementation, timeline and deliverables.
- Collaborate with engineering and product team to build ETL pipelines and feature requests to improve the platform.
- Collaborate with client teams on development of insight-driven dashboards and provide support regarding functionality and data integrity.

### BP - Wind Energy

DATA SPECIALIST

*San Francisco, California*

*Jul. 2015 - Jan. 2017*

- Developed and utilized Python scripts to pull, clean, and analyze wind farm operational data from over 1,000 turbines to identify potential operational issue using outlier detection algorithms.
- Assisted in statistical analysis in accessing power efficiency gains of various wind turbine technology upgrades.
- Responsible for compiling, processing, and quality checking operational data requests used for revenue budgeting.

### University of California, Berkeley

UNDERGRADUATE RESEARCH ASSISTANT

*Berkeley, California*

*Sep. 2014 - May. 2015*

- Assisted in research on invasive fire ant species in Indonesian islands using statistical models.
- Digitize Indonesian island outlines, habitation ranges, and classify amount of vegetation cover using image recognition.
- Import collected GPS data into ArcGIS geodatabase and correct for coordinate and map projections.