

SCOTT FLEISHMAN

DATA SCIENTIST | ANALYST

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Skills

- Advanced Excel
- D3.js/Leaflet.js
- Data Modeling
- HTML/CSS
- JavaScript
 - Japanese (conversational)
- Jupyter Notebooks
- Machine Learning
- Matplotlib
- MongoDB
- Pandas
- PostgreSQL
- Python
- R
- Tableau
- Web Scraping
- Spanish (conversational)

Experience

Machine Learning

10/19 – 11/19

Data Analytics and Visualization Projects, Portland, OR

- Developed a machine learning model in Python with Sklearn and Pandas using Random Forest Classifier to test Compas' risk assessment software.
- Produced confusion matrices to test the model's assessment against varying races.

Malaria Around the World

08/19 – 09/19

Data Analytics and Visualization Projects, Portland, OR

- Wrote JavaScript code to produce a map with leaflet.js and turf.js that highlights countries' GDP and total deaths due to malaria. Years 2000, 2008, and 2017 were chosen for three distinct layers that correspond to the appropriate year.
- Flask app connects a PostgreSQL database to a callable API.

Brewer / Server

08/17 – 05/19

Ancestry Brewing, Tualatin, OR

- Created excel spreadsheets which included macros to track inventory.
- Operated brewery equipment and worked with sales and management to accomplish production needs. This included brewing single, double, and triple batches, filtering, and kegging.
- Developed recipes, standard operating procedures, maintained brewery inventory management systems, and ordered supplies.
- Responsible for brewhouse, tank, draft line cleaning as well as yeast harvests and cell counts.

Undergraduate Teaching Assistant

09/15 – 06/17

University of Oregon Mathematics, Eugene, OR

- Lead mathematics discussion classes and held office hours to assist students. Consistently rated by students as one of the top teaching assistants over two years.
- TA'd six classes over two years, ranging from topics such as probability, finance, and economics.

Marketing Researcher

06/16 – 08/16

MYLAPS Japan KK, Tokyo, Japan

- Built Excel documents to analyze the sports market in Japan and Korea, then cataloged upcoming events.
- Reported to the regional manager using PowerPoints and Word Documents with the research I gathered.

Education

- University of Oregon Data Analytics and Visualization Bootcamp 2019.
- University of Oregon 2017 Bachelor of Arts. Cumulative GPA: 3.5
- Major: Asian Studies with a focus on Japanese film, language, and culture.
- Minors: Mathematics, Japanese.