

Isaac Haberman

Curriculum vitae

WORK EXPERIENCE

JUNE 2017 – JULY 2017

Sense Education, Tel Aviv, Israel

Data Scientist Intern

Upgraded the genetic algorithms used for Sense's assignment classifying artificial intelligence. Tested and improved Sense's algorithms through statistical grouping of assignment clusters in Python. Developed QA tests and documentation for Sense's web application and products and algorithms.

JUNE 2016 – AUGUST 2016

C&C Trading LLC, Greenwich, CT

Data Scientist Intern

Developed a dynamic algorithm for modeling ETFs in major American markets used in production. Taught junior and senior traders with minimal statistics experience the R programming language and relevant statistical reasoning and practices. Performed statistical testing comparing basic statistical models and advanced machine learning algorithms.

JUNE 2015 – AUGUST 2015

Komoona, Tel Aviv, Israel

Data Scientist Intern

Performed exploratory data analysis, statistical analysis and modeling on Komoona algorithms and customer data. Demonstrated through statistical reasoning to company executives the difference in behavior of mobile and non-mobile ads. Developed an algorithm in R that accurately predicts advertisement data for a day based on its listed period.

AUGUST 2014 – DECEMBER 2014

Carnegie Mellon University, Pittsburgh, PA

Teaching Assistant

Oversaw 60 students in the introductory statistics class 36-201: Statistical Reasoning and Practice. Aided humanities students in developing foundational skills with the statistical software Minitab through guided tutorials. Graded weekly homeworks and exams done in Minitab and by hand.

LEADERSHIP EXPERIENCE

NOVEMBER 2014 – NOVEMBER 2016

Alpha Epsilon Pi, Alpha Kappa

President & Vice President

DECEMBER 2013 – DECEMBER 2015

Jewish Student Association

Vice President Sabbath and Holidays & General Board Member

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EDUCATION

2017 – 2019 **Data Science**
MASTER'S DEGREE
New York University

2013 – 2017 **Statistics**
Humanities Scholars Program
BACHELOR'S DEGREE
Carnegie Mellon University

PUBLIC PROJECTS

2017 **Introduction to Data Science**
Bot Classification To Improve Advertising Quality on Twitter

2017 **Undergraduate Research**
Augmenting Synthetic Ecosystems with Agent Activities

2016 **Practical Data Science**
DOTA Data Analysis

2016 **Tartan Data Science Cup**
Citi Bike Share Analysis

2016 **Diplomacy and Statecraft**
Coup d'etat Modeling

COMMUNICATION SKILLS

ENGLISH Native speaker
HEBREW Fluent
ARABIC Conversational

SOFTWARE SKILLS

ADVANCED LEVEL R, Python, Ggplot2, Numpy
INTERMEDIATE Pandas, MySQL, Scikit-learn, Minitab, \LaTeX
BASIC LEVEL Hadoop, Spark, Julia, Microsoft Excel