Vasileios Oikonomou

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Computer Science
(May 2019)
GPA: 3.95

Relevant Courses: Foundations of Data Science, Algorithms and Data Structures, Linear Algebra, Multivariable Calculus, Data Science and Smart Cities, Data Science and the Mind

Languages: Fluency Python, Java, Scheme with a working understanding of Git and C++
Tools: Scipy, numPy, Pandas, MatplotLib, Natural Language Toolkit, skicit-learn

Relevant Experience

Data Science Intern | Athens, Greece May 2016 - July 2016

- Working on Natural Language Processing and Named Entity Recognition tasks using Machine Learning.
- Doing feature engineering, data curation, tuning and testing models for the above tasks.
- Improving existing tools for text extraction and parsing.

Data Science Education @UC Berkeley | Berkeley, CA March 2016 - Present
Tutor and Teaching Assistant

- Tutor for UC Berkeley's pioneering undergraduate Data Science course (Data 8).
- Leeds two 30' sections each week helping students with tricky concepts, homework and projects.
- Teaching assistant for a data science-based cognitive psychology course.
- Contributed to a 7 page Python tutorial focusing on the use of data structures in data analysis.

American Advertising Federation | Berkeley, CA Sept. 2015 - Present
Strategic Planner

- Conducted data analysis on the results of a survey of over 1600 individuals.
- Produced valuable insights for the development of a $10 million national campaign for *Snapple*.
- **Distinctions: 1st Place - District 14 Champion** National Student Advertising Competition 2016.
  2nd Place - National Semifinal National Student Advertising Competition 2016.

Main Projects and distinctions

Twitter Sentiment Analysis
Presidential Election

- Collects data from Tweeter's live feed and ranks the US presidential candidates based on their

Hog Strategy Contest | Winner
- Created a deterministic algorithm for the dice game Hog thats won against all other entries of a class of 1300 students.

International Linguistics Olympiad | Member of Greek National team
- Selected to represent Greece in the International Linguistics Olympiad in 2014 that took place in Beijing, China.