Vincent Stigliani

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EXPERIENCE

Picwell, Philadelphia PA — *Data Scientist*

September 2014 - PRESENT

- Collaborated with economists to construct and automate post-enrollment reporting on decision support utilization, healthcare plan selection, and choice error
- Performed regression analyses on user data to understand factors related to recommendation adherence, and leveraged this analysis in actionable recommendations for product improvement
- Led the development of population-based recommendation evaluation routine that enables faster and more principled analyses of the impact of potential product changes
- Mentored summer interns and developed training materials for learning Python and Data Science
- Developed new features for health spending models that incorporate detailed electronic medical records from users, significantly improving accuracy of baseline prediction models
- Presented high-level summaries of data analyses and modeling techniques to business executives and product stakeholders

EEG Laboratory, Swarthmore College — *Student Researcher*

June 2013 - May 2014

- Ran an experiment with 70+ participants, recording and analyzing brain activity as individuals read literal and metaphoric sentences as part of Honor's Cognitive Science thesis on figurative language processing

Math & Computer Science Departments, Swarthmore College — *Teaching Assistant*

September 2012 - May 2013

- Grader for Artificial Intelligence and Multivariate Calculus courses. Duties included grading assignments and transcribing homework for visually-impaired student

EDUCATION

Swarthmore College, Swarthmore PA — *B.A. in Cognitive Science with High Honors*

August 2010 - May 2014

- Emphasis in Computer Science, Psychology, and Philosophy.

SKILLS

Languages
Python, SQL

Tools & Platforms
Scikit-learn, Pandas, Numpy, matplotlib, iPython/Jupyter Notebooks, Spark, Databricks, Luigi, AWS, Google Cloud, Git

Methods
Data analysis (pandas, matplotlib, scikit)
Machine learning (linear models, tree-based methods, neural networks)
Big data processing (PySpark)