Vincent Stigliani

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EXPERIENCE

Picwell, Philadelphia PA — *Data Scientist*

September 2014 - PRESENT

- Leveraged machine learning against billions of healthcare claims to deliver personalized health-spending forecasts
- Spearheaded early redesign of core prediction models to improve consistency and support new business requirements
- Developed new framework for receiving detailed electronic medical records from users, significantly improving accuracy of baseline prediction models
- Codified data processing and featurization routines for company's modeling pipeline
- Presented high-level summaries of modeling techniques and data analyses to business executives and product managers
- Mentored summer interns and developed training materials for learning Python and Data Science

EEG Laboratory, Swarthmore College — *Student Researcher*

June 2013 - May 2014

- Integrated an eye-tracking interface with the college's EEG system, ran 70+ participants in EEG experiment, and wrote data analysis scripts for Honors Cognitive Science senior thesis

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, luigi, iPython/Jupyter Notebooks, Spark, Databricks, AWS, Google Cloud, Git

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

SELECTED COURSEWORK

Computer Science & Math
Adaptive Robotics (H)
Artificial Intelligence (H)
Computer Vision
Data Structures & Algorithms
Linear Algebra
Multivariate Calculus
Natural Language Processing

Psychology & Philosophy
Advanced Logic
Cognitive Neuroscience
Cognitive Science
Perception, Cognition & the Embodied Mind (H)
Psychology of Language (H)

**(H) denotes Honors focus course*