**Stephen Megos**

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**EDUCATION**

**University of Notre Dame,** South Bend, IN **2022**

*Master of Science, Applied Mathematics and Computational Statistics: Data Science and Machine Learning, GPA: 3.83*

* Created several data visualization, data cleaning, and data analysis projects using Python and R.
* Built machine learning programs using supervised and unsupervised learning techniques.
* Built numerous linear regression models that included single as well as multi-variable regression.
* Use of Python and R included using pandas and tidyverse for data analysis.
* Notre Dame Investment Club.
  + Attended remote seminars organized by the club that included finance and fintech professionals discussing advancements in their respective fields as well as the fields themselves.

**Stony Brook University,** Stony Brook, NY **2018**

*Bachelor of Arts, World Economics and History, GPA: 3.5*

* Elected committee member who oversaw several school budgets totaling over $20,000.
* Wrote a research paper on the Vietnam and Iraq Wars, which was published and distributed by the Stony Brook History Department and won the Stony Brook University URECA award.

**PROFESSIONAL EXPERIENCE**

**Cambridge Wilkinson**, New York, NY **Winter 2020**

*Investment Banking Analyst, Intern*

* Analyzed financial documents and audit records of two international financial technology companies to assemble confidential deal memos.
* Participated in client meetings where deal terms and details were agreed upon. These meetings included discussions about financial records and history, as well as future goals for company growth.
* Performed client outreach and deal origination.

**Vaco,** New York, NY **September 2018 – October 2019**

*Senior Research Analyst, Financial Services*

* Main research analyst responsible for monitoring NYC financial services markets and researching various alternative investment firms.
* Notable clients included GF Capital, Blackstone, Millennium Management, KKR, Jane Street Capital, Goldman Sachs, Scotiabank, Bank of New York Mellon, Neuberger Berman, Renaissance Technologies, and others.
* Onboarded the market risk department of a Bulge Bracket Investment Bank.

**CERTIFICATIONS & PROJECTS**

**Certifications:**

* **Bloomberg Market Concepts Certification,** Bloomberg LP
* **Python 3,** SoloLearn
* **Machine Learning,** Stanford University
  + Logistic Regression, Artificial Neural Networks, Machine Learning Algorithms
* **Data Science Math and Statistics,** Duke University
  + Bayes’ Theorem, Bayesian Probability, Probability Theory
* **Fundamentals of Quantitative Modeling,** University of Pennsylvania
  + DCF Modeling, Linear Regression, Probabilistic Models, Regression Analysis

**Personal Projects:**

* **Virtual Workspace** – Designing a tool to streamline communications between coworkers in professional environments, and students in school environments.
* **Inventory Management System** – Designed an inventory management system for an international food importing business capable of working in-tandem with MS Excel.

**TECHNOLOGY & SKILLS**

* **Languages**: Java, Python, R.
* **Other:** Microsoft Suite, PyCharm, Eclipse, RStudio.