

Michael A George

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Current address:
21 Saw Mill Ridge Road
Newtown, CT, 06470

Education

Cornell University, College of Engineering: *Ithaca, NY*

Bachelor of Science in Operations Research and Information Engineering May 2015

- Honors: Cornell University Dean's List Spring 2012, Fall 2014, Spring 2015, Society of Engineers Award for Excellence in Math and Science 2011
- GPA: 3.14 Major GPA: 3.30
- Relevant Coursework: Finance, Financial and Managerial Accounting, Financial Engineering, Investments, Stochastic Processes, Simulation & Modeling, Statistics I & II
- Minor: Business

Holberton School: *New Haven, CT*

Full-Stack Software Engineering and Machine-Learning Specialization Nov. 2021

- Project based software engineering program, includes low level programming in C, data structures and algorithms, and higher level programming mainly in python
- Completed Machine-learning specialization consisting of implementation and use of latest models and architecture using tools such as transformers, convolutional neural networks, deep q-learning and others
- Notable machine-learning projects: convolutional neural nets for classification and object detection, recurrent neural networks for time series prediction, and transformers for NLP
- Created "Sketchformer" for a final project using transformer based architecture for multivariate sequence prediction

Professional Experience

Connecticut Institute for Communities: *Danbury, CT*

AmeriCorps Associate

2017- 2018

- Managed online patient portal including starting help line
- Improved workflows and assisted with patient transformation network
- Helped update Electronic Health Record system

Pacific Advantage Capital Partners: *Darien, CT*

Organizational Assistant

2015- 2016

- Organized incoming and outgoing cash flows from various private equity investments
- Gained valuable insight into private equity firm's operations
- Learned about strategies for investment analysis

Morgan Stanley Wealth Management: *Ridgefield, CT*

College Intern

Aug. 2014

- Helped manage portfolios and implemented strategies for improving performance
- Performed security analysis on contents of client's portfolios
- Met with clients to discuss implementation of new strategies

Technical Skills

Programming

- Proficient in object oriented programming using Python and Java
- Proficient with C, including for uses with advanced data structures
- Proficient with machine learning frameworks Tensorflow/Keras
- Experience with Ruby, HTML, Javascript, Bash scripting, and server configuration

Other technical skills

- Proficient with Microsoft Excel including use of macros, pivot tables, etc.
- Proficient with SQL and MongoDB
- Experience with statistical computing and mathematical modeling using "R"