

Aaron Niskin

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Languages and Libraries

Advanced: Spanish | CLOJURE, PYTHON, R, PSQL, BASH | Pandas, Matplotlib, SKLearn, PyMC, etc.

Intermediate: Hebrew | HOPLON, MYSQL, NODEJS, HADOOP | ggplot, dplyr, etc.

Basic: German, Russian | JAVA, SCALA, MONGODB, LATEX, MATLAB, C++ | git

Education

New College of Florida

Master of Science In Data Science

Sarasota

2016–(2018)

Florida International University

Bachelor of Science in Mathematics - Minors in Physics and English

Miami

2012–2015

– Graduated Cum Laude GPA – 3.64 (3.79 in major)

– Dean's List (6 times)

Selected Courses

- Abstract Algebra (1, 2, Algebraic Geometry)
- Data Storage and Retrieval
- Algorithms and Numerical Methods
- Real Analysis (1, 2, Differential Geometry)
- Homology of Simplicial Complexes
- Point Set Topology

Experience

Finance.....

BlackRock Inc.

San Francisco, CA

Quantitative Researcher, Systematic Active Equity

2018-Present

- Responsible for onboarding new data sources, building models for alpha generation, and general market research.
- Assisted in building internal research tools to streamline the research process

BlackRock Inc.

San Francisco, CA

Summer Analyst, Scientific Active Equity

2017

- Assessed the viability of using automated machine learning for alpha generation research
- Developed a variable importance assessor for black box machine learning models

STEM.....

Florida Vocation Institute

Miami, FL

Computer Science Instructor

2015–2016

- Taught and created syllabi for several courses and created a free online course (currently live at www.fvi-grad.com)

Math-Busters (www.Math-Busters.com)

Miami, FL

Co-founder and Math/Science/Computing Tutor

2010–2015

- Tutored all levels of students and maintained a perfect rating with 100+ ratings and 450+ hours logged

Military.....

1-38 Infantry Regiment, 4/2 ID, US Army

Fort Lewis, WA

Infantryman

2004–2009

- Deployed to Iraq for OIF V from 2007-2008 and fought forest fires in Winthrop, Washington
- Trained at the John F. Kennedy Special Warfare Center and School in Fort Bragg, NC
- Secret Clearance, Combat Lifesaver, FBCB2, and other certifications