

Aaron Niskin

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Skills and Languages

Advanced: Spanish | JAVASCRIPT, HTML, PYTHON, R, BASH

Intermediate: Hebrew | CLOJURE, SCHEME, HOPLON, CSS, MYSQL, POSTGRESQL, NODEJS, HADOOP

Basic: German | JAVA, HASKELL, MONGODB, LATEX, MATLAB, OCTAVE, C++

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
- Advanced Calculus in \mathbb{R}^n (1, 2, Differential Geometry)
- Homology of Simplicial Complexes
- Point Set Topology

Experience

Finance.....

BlackRock Inc

Summer Analyst, Scientific Active Equity

San Francisco, CA
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

Computer Science Instructor

Miami, FL
2015–2016

- Taught and created syllabi for courses in HTML, CSS, CSS-Frameworks, JavaScript, SQL, MongoDB, NodeJS, Functional-Programming, the Unix environment, and Basic-Logic
- Created a free online project-based introductory course (currently live at www.fvi-grad.com)

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

Co-founder and Math/Science/Computing Tutor

Miami, FL
2010–2015

- Tutored all levels of students – from Elementary School to upper-level University students
- Maintained a perfect five-star rating on Wyzant.com (with 100+ ratings and 450+ hours logged)

Military.....

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

Infantryman

Fort Lewis, WA
2004–2009

- Deployed to Iraq for OIF V from 2007-2008
- 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