

# Aaron Niskin

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## Languages and Libraries

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

**Intermediate:** Hebrew | HOPLOX, 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**

*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 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](http://www.fvi-grad.com))

#### Math-Busters ([www.Math-Busters.com](http://www.Math-Busters.com))

**Miami, FL**

*Co-founder and Math/Science/Computing Tutor*

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

**Fort Lewis, WA**

*Infantryman*

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