

# Aaron Niskin

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## Skills and Languages

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**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

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### New College of Florida

*Master's 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

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– Abstract Algebra (1, 2, Algebraic Geometry)

– Advanced Calculus in  $\mathbb{R}^n$  (1, 2, Differential Geometry)

– Data Storage and Retrieval

– Homology of Simplicial Complexes

– Algorithms and Numerical Methods

– Point Set Topology

## Experience

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

#### Math-Busters ([www.Math-Busters.com](http://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 over 100 ratings and over 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