

Jonathan Miller

http://aftertou.ch

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EDUCATION

- **Virginia Commonwealth University** Richmond, VA
Master of Science in Operations Research *Aug. 2017 – May 2019 (Est.)*
- **Virginia Commonwealth University** Richmond, VA
Bachelor of Science in Applied Mathematics *Aug. 2011 – Dec. 2015*

EXPERIENCE

- **OneVirginia2021** Richmond, VA
Data Consultant *Nov 2016 - Mar 2017, Feb 2018 - Jun 2018*
 - **Data Cleaning:** Write scripts to attempt to find human input error in company database, such as misspelled contact email addresses or mailing addresses.
 - **Automation:** Perform other automation tasks as needed. Write scripts to automate the creation of company documents such as thank-you notes, use browser automation to perform certain tasks that were previously done manually by volunteers.
- **Aftertouch Software** Richmond, VA
Owner and lead developer *Jan 2015 - Mar 2016*
 - **AirPads:** Lead mobile developer for the iOS app AirPads, a virtual, wireless MIDI controller app. Manage production of the app, work with a designer, handle marketing and customer support.
- **Virginia Commonwealth University** Richmond, VA
Graduate Teaching Assistant *Sep 2017 - Present*
 - **STAT 314:** Help teach the STAT 314 - Applications of Statistics class at VCU. Grade papers, tests, answer questions, hold help sessions, and occasionally lecture.

PROGRAMMING SKILLS

- **Languages:** Python, SQL, R, Julia, basic HTML/CSS/Javascript, Swift/Objective-C
- **Technologies:** Scikit-Learn, Pandas, Matplotlib, Numpy, Gensim, Keras, Pytorch, NLTK, JuMP, Selenium, Xcode