

# Michael Robert Briggs

Fairfax, VA, 22032|briggsmichaelr@gmail.com|(571)-354-1130

## Education:

Bachelor of Science in Mathematics and minor in Data Science, College of William and Mary, May 2020  
GPA: 3.75

## Entrepreneurial Activities:

- Managed a team of 4 and worked with an Executive Director from Ferguson to develop a Web Application that diagnoses plumbing issues. Pitched idea to CEO and other senior executives.
- Managed a team of 3 and worked with Akamai Physics developing new farming technology.
- Provided Consulting Services to family-owned Pharmaceutical Company, USDPI (Radblock).

## Full Time Work Experience:

- Founded a tech startup providing plumbers with digital diagnostic tools. Dec. 2018 – Present
- Developed Data Science Software for Toyo Suisan, Tokyo. Summer 2019
- Provided full-time, in-house elder care, Nevada. Dec. 2015 – May. 2016
- Managed two Vegetable farms and calves at a dairy farm, Vermont. Summer 2014

## Part Time Work Experience:

- Fostered Community as a Resident Assistant. Aug. 2018 – May. 2019
- Managed events and grounds as Church Staff. Sep. 2014 – Mar. 2017
- Designed and improved videos as Film Editor. Dec. 2014 – Dec. 2015

## Extracurricular Activities:

- Service Committee Chair for anti-trafficking club on campus. Spring 2019
- Vice President of William and Mary Residence Hall Association: Spring 2018  
Updated the website, rewrote the constitution, and chaired the events committee.
- Executive Member of Hall Council: Helped plan and execute events. Fall 2017

## Skills:

- Intermediate Chinese and Japanese developed through classes and immersion
- Intermediate Skill in Python, with a focus on Natural Language Processing and Machine Learning
- Elementary skill in Java Script, HTML, and CSS, programming languages
- STATA and R, statistical software
- MATLAB, Maple, and LaTeX, mathematical software
- Final Cut Pro X, video editing software

## Chinese Awards:

- 2019 People-to-People Award Honoree, Confucius Institute U.S. Center: 1 of 10 in the U.S.
- 2018 Chinese Bridge Speech Competition, Confucius Institute Headquarters: 2<sup>nd</sup> place, Boston

## Academic Interests:

- Developed new mathematical models for crop growth and effects of pollution.
- Spent summer of 2018 at Renmin University studying Chinese, and Data Science.

## Volunteer Experience/Community Service:

- Volunteer Teacher, Williamsburg Christian Church Jan. 2017 – Present
- Volunteer, Capernaum Special Needs Youth Club Fall 2015 – Sep. 2017