Yaseen **Lotfi**

· Data Scientist ·

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Education

The College of William and Mary   *Williamsburg, Virginia*

B.B.A. in Business Analytics and Data Science   *2013 - PRESENT*

- Extracurricular: Middle Eastern Students Association | Students of Hip Hop Legacy | Muslim Students Association
- Coursework: Big Data Analytics, Business Intelligence, Data Visualization and Simulation, Operations Management, Interdisciplinary GIS, Social Entrepreneurship, International Finance, Calculus, Statistics

Skills

Programming	R, Python, SQL, VBA, HTML, JavaScript, LaTeX
Frameworks	R Shiny, sci-kit learn, AWS (EC2), Bootstrap, HTML5, CSS3, p5.js,
Languages	English, Spanish, Arabic

Experience

National Aeronautics and Space Administration   *Hampton Roads, Virginia*

Consulting Fellow   *Sep 2016 - PRESENT*

- Conduct commercialization research with a team of NASA scientists, MBA students, and undergraduates in order to highlight market opportunities for cutting edge technology.

FTI Consulting   *Washington, DC*

Health Solutions Summer Intern   *May 2016 - Aug 2016*

- Leverage large data-sets on a regular basis for several project engagements in order to produce weekly, monthly, and quarterly client reports.
- Conduct market and network analysis for Skilled Nursing Facilities and provider risk exposure to potential litigation under the False Claims Act.
- Build machine learning models, including CART, RandomForests, and K-Nearest Neighbor, to develop insight into readmission rates, a source of significant hospital costs.
- Developed processes and scripts in SQL and R to both add value to projects and automate data import and cleaning.

Interdisciplinary Data Science   *Williamsburg, Virginia*

Lead Teaching Assistant   *Jan 2016 - May 2016*

- Lead a team of three TAs on introducing 50 freshman to data science concepts primarily in R, including data cleaning, data mining, spatial analysis, modeling, and visualization.
- Designed a spatially enabled PostgreSQL database on Ubuntu to prototype a future lab before scaling up the servers for the students.
- Debugged and improved our labs prior to the start of the semester to improve clarity and reduce potential errors.

AidData Center for Development Policy   *Williamsburg, Virginia*

Research Assistant   *Fed. 2015 - May 2016*

- Utilized my Spanish towards creating, enhancing, and cleaning 1000+ projects worth of data on Chinese development finance across Central and South America.
- Expanded our data collection to global coverage, thereby producing and delivering an unprecedented summary of Chinese financial activity across international development.

Volunteer Experience

Salsita   *Yorktown, Virginia*

Co-Founder and President   *Jul 2015 - PRESENT*

- Founded and organized a 501(c)(3) charitable organization with a mission to support community projects that foster creativity among marginalized youth.
- We operate as a social enterprise by retailing and wholesaling merchandise inspired and/or designed by beneficiary artists or projects.
- Established an annual fund-raising event which connects local businesses, communities, and artists together.