

Nicholas Abad

1-3 Cable Street, Lancaster, United Kingdom
+ 1(408) 655-3517 | nicholas.a.abad@gmail.com
www.linkedin.com/in/nicholasabad

Objective: Seeking to utilize my strong statistical and technical skillset as a data scientist in order to gather, understand, model, and analyze large quantities of data in order to help make key business insights

Education:

- **M.S in Data Science at Lancaster University** *Oct 2017 – Sep 2018 (expected)*
 - Top 10 university within the United Kingdom according to all major ranking publications
 - Awarded “University of the Year 2018” from the largest U.K. national newspaper, The Sunday Times
 - Courses include: Data Mining, Likelihood Inference, General Linearized Models, and Bayesian Inference
- **B.S in Mathematics, Computer Science minor at the University of San Francisco** *Aug 2012 – May 2012*
 - Member of the University’s honorary mathematics society Pi Mu Epsilon
 - Courses include: Statistics, Probability, Econometrics, Data Mining, Linear Algebra, and Math Modeling

Qualifications:

- Fluent in using Python and R to implement supervised and unsupervised machine learning techniques for problems regarding regression, classification, clustering, dimensionality reduction, and exploratory analysis
- Advanced knowledge in the theory and application of data science topics such as predictive analytics, machine learning, data mining, artificial intelligence, statistics, and probability
- Academic experience in both the scraping and pre-processing of data through the use of R
- Implemented various feature selection techniques such as backward elimination and forward selection
- Programming experience: Python (4+ years), R (3 years), Java (2 years), and MatLab (1 year)

Key Work Experience:

NASA Ames Research Center *June 2016 – April 2017*

Microgravity Project Intern

- Utilized my mathematical, statistical, and technical skillset in a laboratory setting in order to monitor and analyze the effects that the absence of gravity has on organisms
- Hands-on experience in coding in Python in order to model the path that organisms, such as E. coli and tardigrades, take when put in our self-built rotating vessel
- Consulted with data scientists and bioinformaticians to help analyze and interpret experimental data

University of San Francisco Business Analytics Department *May 2015 – July 2015*

Research Assistant

- Accurately translated hundreds of lines of code from MATLAB to Python
- Assisted in gathering and analyzing data in order to determine which pieces were useful and relevant
- Collaborated with a team of professors and graduate students in order to develop an understanding of the food and hospitality markets specifically in the San Francisco region

Additional Work Experience:

University of San Francisco Department of Public Safety *Jan 2013 to May 2016*

Call Taker Coordinator / Office Manager

Nov 2014 to May 2016

- Communicated effectively with a variety of safety personnel such as police officers, dispatchers, engineers, and shuttles while using proper radio commands
- Responsible for training multiple Call Takers each for a bare minimum of 120 hours
- Taught each trainee how to correctly assess, document, and respond to each and every emergency and non-emergency call that was received by the University

Call Taker

Jan 2013 to Nov 2014

- Used as the first contact for every emergency and non-emergency call coming into the University, while providing exceptional customer service to each and every caller
- Routinely displayed multitasking skills by gathering specific details from the caller while inserting every single piece of vital information into a computer database