PATRICK D. HOWELL

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EDUCATION

MS in Analytics (*expected: 2015*)
University of San Francisco San Francisco, CA, U.S.A. Cumulative GPA: 4.00/4.00

Ph.D. student   Major – Political Science: International Relations & Research Methodology
University of California, Irvine Irvine, CA, U.S.A. Cumulative GPA: 3.914/4.00

Master of Arts, 2013   Major – International Affairs: International Relations & Comparative Politics
University of Georgia Athens, GA, U.S.A. Cumulative GPA: 3.98/4.00

Bachelor of Arts, 2009   Major – International Studies: Security Studies & Western Europe & East Asia
Emory University Atlanta, GA, U.S.A. Cumulative GPA: 3.47/4.00

PROJECTS

- Assessing geographic trends in market movements using scraped web data of stock indexes and plotting on to world map with Python (*Ongoing*)
- Scraping online movie data with Python and plotting visualizations with ggplot2 in R
- Naïve Bayes classification using texts of movie reviews for sentiment analysis in Python
- Generation of unique keywords for 80,000+ Reuters news articles using created TFIDF statistics in Python

WORK HISTORY

University of California, Irvine (2013)
Graduate Student and Teaching Assistant
- Coursework and assorted projects using R for linear, generalized linear, and time-based statistical models

University of Georgia (2010-2013)
Research Assistant, Graduate Student, and Teaching Assistant
- Research project involving logistic regression models of citizen opinions using post-election survey data from 18 elections across 8 countries
  - Published in peer-review journal, *Electoral Studies* – June, 2013
- Qualitative comparative analysis of European foreign policy reactions to the 2008 financial crisis
  - Forthcoming publication in peer-review journal, *Foreign Policy Analysis*
- As Research Assistant – historical research, coded data, and built dataset on international border agreements

Duke University Talent Identification Program (Summers 2010-2012)
Instructor, Teaching Assistant, Residential Counselor

Zalantun No. 1 High School (2009-2010)
Foreign English Teacher – Zalantun, Inner Mongolia, China

U.S. Department of State (2008)
Office/Policy Intern
- Bureau of Political Military Affairs – generating background research, presentation materials, and policy memos on Middle East arms transfers

SKILLS

- Proficiency in R, Python, SQL, LaTeX, Stata, Windows Office suite
- Language skills in Japanese (moderate), French (basic)

HONORS AND AWARDS

- Fellowship, University of San Francisco, 2014-2015
- Graduate Assistantship, University of California - Irvine, 2013-2014
- Graduate Assistantship, University of Georgia, 2010-2013
- Supplemental Scholarship, University of Georgia, 2010-2011
- Pi Sigma Alpha, 2007