Spencer Boucher

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EDUCATION

MS IN ANALYTICS
UNIVERSITY OF SAN FRANCISCO
June 2014 | San Francisco, CA
GPA: 3.8

BA IN COGNITIVE SCIENCES
RICE UNIVERSITY
May 2011 | Houston, TX
Neuroscience concentration
GPA: 3.5

SOCIAL

justmytwospence
in/spencerboucher
@justmytwospence

SKILLS

Python • R • SQL • SAS •
Javascript • HTML • CSS • LaTeX

COURSEWORK

Distributed Computing
Distributed Databases
Multivariate Statistics
Machine Learning
Data Visualization
Text Mining

AWARDS

2008   Eagle Scout   BSA

INTERESTS

data • design • stories •
visualization • cartography

SUMMARY

I am a 2014 MS Analytics candidate at the University of San Francisco. My passion is to uncover compelling stories, and I believe that inspired utilization of data is the best way to bring meaningful stories to light. I aspire to craft profound insights through the inventive use of analytics.

EXPERIENCE

UBER | DATA ANALYST
2014 | San Francisco, CA

Currently an intern on the data science team – joining full-time in July 2014.

AUTOGRID | INTERN
2013 | Redwood City, CA

Used Pandas and R to munge large volumes of smart-meter data. Built time- series and cross-sectional models to identify outliers and make forecasts. Produced several interactive tools and maps for exploring the raw data.

STANFORD CIBSR | RESEARCH ASSISTANT
2011 – 2013 | Stanford, CA

Conducted MRI studies to investigate biomarkers of pediatric bipolar disorder in at-risk patients, ages 8–20. Operated MRI scanners and analyze structural and functional neuroimaging data using Matlab and R. Performed exploratory and hypothesis-driven analysis of large multi-modal data. Presented findings at the 2012 American Academy of Adolescent and Child Psychiatry Conference.

EXAMKRACKERS | COURSE INSTRUCTOR
Jan 2013 –- May 2013 | Palo Alto, CA

Taught MCAT-level physics, chemistry, biology, organic chemistry, and verbal reasoning to a class of ~12 students.

BAYLOR CPU | PROJECT INTERN
2009 – 2011 | Houston, TX

Conducted fMRI studies with patient populations suffering from PTSD or drug dependency. Analyzed functional neuroimaging data using MATLAB. Investigated the relationship between affective phenotypes, including resilience, and neural response to emotional stimuli, and presented research findings at the 2010 Society for Neuroscience convention.

RICE EMS | EMERGENCY MEDICAL TECHNICIAN
2010 – 2011 | Houston, TX

Responded to traumatic and medical emergencies on the Rice University cam- pus with appropriate patient care / transport. Served weekly 12 hour shifts and completed a minimum of 24 hours per semester volunteering for outside EMS services in the greater Houston area