

# spencerboucher

data scientist

## contact

910 Corbett Avenue  
San Francisco, CA 94131

spencer.g.boucher@gmail.com  
spencerboucher.com  
@justmytwospence  
650-946-7257

## languages

Python  
SQL  
SAS  
R

## interests

data  
design  
stories  
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.

## education

2013–2014	<b>University of San Francisco</b> MS in Analytics Expected	San Francisco, CA
2008–2011	<b>Rice University</b> BA in Cognitive Sciences (neuroscience concentration) BA in Psychology GPA 3.5 / 4.0	Houston, TX

## experience

2013	<b>AutoGrid</b> 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.	intern
2011–2013	<b>Stanford Center for Interdisciplinary Brain Sciences</b> 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.	research assistant
2012	<b>Examkrackers</b> Taught MCAT-level physics, chemistry, biology, organic chemistry, and verbal reasoning to a class of ~12 students.	course instructor
2009–2011	<b>Baylor College of Medicine Computational Psychiatry Unit</b> 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.	project intern
2010–2011	<b>Rice Emergency Medical Services</b> Responded to traumatic and medical emergencies on the Rice University campus 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	emergency medical technician