WILL STEDDEN

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Languages & Tools   R, python, SQL, MATLAB, JS, sklearn, pandas, tidyverse, git, AWS, Tableau, D3

DATA SCIENCE & RESEARCH EXPERIENCE

Color   Dec 2016 - Present
Data Scientist   *color.com*

· Analyzed clinical genomic data to improve client experience and advance uderstanding of genetic medicine
· Implemented and maintained core ETL pipeline to deliver mission critical data to 100+ person company
· Defined company-wide key metrics and devised strategies to optimize lab operations and client services

Insight Data Science   Aug 2016 - Dec 2016
Health Data Fellow   *insighthealthdata.com*

· Built online NLP classification of patient symptoms using unstructured medical forum data in python

University of Chicago, Munro Research Group   Aug 2011 - Feb 2017
Ph.D. Research Assistant   *munrolab.uchicago.edu*

· Devised statistical methods for novel single-molecule measurement techniques and published results
· Collaborated with experimentalists to build computational models of biological systems in MATLAB

Tempus   June 2016 - Aug 2017
Graduate Intern   *tempus.com*

· Built data inspection tools to monitor clinical trial labeling accuracy, efficiency, and scope

University of Chicago, Research Computing Center   Apr 2015 - Aug 2017
Graduate Research Assistant   *rcc.uchicago.edu*

· Analyzed supercomputer power usage to optimize datacenter energy saving strategies

MENTORSHIP AND ADVISING

Artifice Tech Education, NFP   Dec 2013- Present
Board Secretary and CTO   *Chicago, IL*

· Founded after-school electronics and robotics program for youth on Chicago's south side
· Launched initiative to expand to 3 new schools; aided recruiting efforts to quadruple volunteer staff
· Develop Arduino based curricula on home security systems and soccer robots

Insight Data Science   Jan 2017 - Present
Technical Advisor   *San Francisco, CA*

· Mentored fellows in data science problem solving to prepare for project presentations and job interviews

EDUCATION

University of Chicago   *May 2017*
Ph.D. in Biophysical Science   GPA: 3.66/4

University of Illinois at Urbana-Champaign   *Dec 2009*
B.S. in Engineering Physics with minors in Mathematics and Computer Science   GPA: 3.67/4