WILL STEDDEN

Emeryville, CA ◇ 773-263-0181 ◇ will.stedden@gmail.com ◇ linkedin.com/in/willstedden

Languages & Tools   R, python, SQL, git, bash, BigQuery, sklearn, pandas, AWS, Tableau, ImageAI

DATA SCIENCE & RESEARCH EXPERIENCE

Color Genomics   Dec 2016 - Present
Data Scientist   *Burlingame, CA*

· Built computational models utilizing clinical, genomic and social determinant data to predict disease risk
· Analyzed patient utilization of genetic tests and associated tools to improve clinical outcomes
· Developed models and infrastructure for consumer ancestry to increase client engagement and retention
· Implemented and maintained core ETL pipeline to deliver critical internal and external data

Insight Data Science   Aug 2016 - Dec 2016
Health Data Fellow   *San Francisco, CA*

· 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   *Chicago, IL*

· Devised statistical methods for novel single-molecule measurement techniques
· Collaborated with experimentalists to build computational models of biological systems in MATLAB
· Analyzed supercomputer power usage to optimize datacenter energy saving strategies

Tempus   June 2016 - Aug 2017
Graduate Intern   *Chicago, IL*

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

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 - Jan 2018
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 Sciences

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