

# Will Stedden, PhD

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

**Languages & Tools**    python, SQL, R, PyTorch, numpy, sklearn, pandas, git, bash, AWS, d3

## WORK EXPERIENCE

---

### **Anthem AI**

*Senior Data Scientist*

July 2019 - June 2021

*Palo Alto, CA*

- Framed team's scientific direction, training colleagues on causal inference methods in ML
- Built team's first product prototype, calculating medication effectiveness while controlling for confounders
- Developed team's first ETL system, implementing pipeline and coordinating company-wide data sources

### **Color Genomics**

*Data Scientist*

Dec 2016 - June 2019

*Burlingame, CA*

- Built bioinformatics methods for genetic ancestry using low depth whole genome sequencing
- Built computational models utilizing clinical, genomic and social determinant data to predict disease risk
- Implemented and maintained core ETL pipeline to deliver critical internal and external data

### **Insight Data Science**

*Health Data Fellow*

Aug 2016 - Dec 2016

*San Francisco, CA*

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

### **University of Chicago, Munro Research Group**

*Ph.D. Research Assistant*

Aug 2011 - Feb 2017

*Chicago, IL*

- Devised statistical methods for single-molecule measurement techniques and computational simulation
- Designed data-informed protocol for optimizing energy usage in a large high-performance computing cluster

## LEADERSHIP AND ADVISING

---

### **Solarpunk Travel Co-op**

*Builder, Bike Mechanic*

June 2021 - Present

*United States of America*

- Built solar charging ebikes, road-tested across 5000 miles, and presented at renewable energy conference
- Hosted public bike camping trips to promote sustainable local travel and reduce car and plane trips

### **Artifice Tech Education, NFP**

*Board Secretary and CTO*

Dec 2013- Aug 2019

*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

### **Insight Data Science**

*Technical Advisor*

Jan 2017 - Jan 2018

*San Francisco, CA*

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

## EDUCATION

---

### **University of Chicago**

Ph.D. in Biophysical Sciences

*May 2017*

### **University of Illinois at Urbana-Champaign**

B.S. in Engineering Physics with minors in Mathematics and Computer Science

*Dec 2009*