

Bryn Reinstadler

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Education

Massachusetts Institute of Technology **Cambridge, MA**
SM, Electrical Engineering and Computer Science *2019 – 2021*
Focus on artificial intelligence and machine learning (NLP)

University of Cambridge **Cambridge, UK**
Dr Herchel Smith Fellow *2015 – 2017*

Williams College **Williamstown, MA**
B.A. in Chemistry, Magna Cum Laude, Phi Beta Kappa *2011 – 2015*

Research and Work Experience

Data Scientist **Boston, MA**
Massachusetts General Hospital *2017 – 2019*
Prof Vamsi Mootha (Harvard Medical School)

- Successfully worked with small teams of scientists on multiple, multi-disciplinary projects which resulted in 1 *Cell Metabolism* publication, with 2 more publications in the revision stage
- Contributed several algorithm implementations and pipelines that remain in use in the lab (open-source natural isotope correction; bioinformatic analysis of RNA sequencing data)
- Organized and led small symposia on statistics and hypothesis testing specifically for working biologists

Technical Skills

Programming Languages + Related: Python, R, git, LaTeX, Scala, Java, golang, Unix/Linux, bash
Broader Skills: AI (Artificial Intelligence) planning, statistical machine learning, deep learning, natural language processing, adversarial examples, algorithm design and implementation
Computational Biology: RNAseq/DNAseq, proteomics, metabolomics, combinatorial screens (CRISPR)

Other Projects

Co-Founder **Boston, MA**
Ringin Room *2020 – now*

- Ringin Room is a first-of-its-kind web platform for virtual bell-ringing.
- As featured by the BBC, allows for community-building, teaching, and learning ringing over the web.

Academic Awards, Fellowships, and Scholarships

Dr Herchel Smith Fellow at University of Cambridge *2015 – 2017*
James F. Skinner Prize in Chemistry *June 2015*
Phi Beta Kappa Membership *Spring 2015*
American Physics Society / IBM Internship scholarship *Summer 2014*
CRA-W (Computing Research Association – Women) DREU scholarship *Summer 2012*