

BRYN REINSTADLER SM candidate, Computer Science

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📍 Cambridge, MA

EDUCATION

Massachusetts Institute of Technology (MIT) [CV](#) [↗](#)
SM in EECS (Computer Science)

📅 Sept 2019 – Feb 2021 (expected) 📍 Cambridge, MA

- Thesis: AI Attack Planning for Emulated Networks
- Advisor: Dr Una-May O'Reilly
- Coursework and projects in Artificial Intelligence (AI), Natural Language Processing (Machine Learning), and Program Analysis

University of Cambridge

Herchel Smith Fellow

📅 Sept 2015 – June 2017 📍 Cambridge, UK

Williams College

BA in Chemistry

📅 Sept 2011 – June 2015 📍 Williamstown, MA

- Graduated *magna cum laude* with 3.8 GPA; 3.96 in major
- Phi Beta Kappa
- Relevant coursework: Discrete mathematics, Statistics and data analysis, Data structures and advanced programming, Algorithm design and analysis, Principles of programming languages

WORK EXPERIENCE

Data Scientist

Mass. General Hospital 📅 2017 – 2019

- Supervised by Prof Vamsi Mootha (Harvard Medical School)
- Worked on teams of 2 - 6 scientists and contributed substantially to several projects:
 - Modelling epistasis using generalized linear models,
 - Finding biomarkers for rare mitochondrial diseases, and
 - Exploratory data analysis assaying Hürthle cell carcinoma

Software Development Intern

Meta (now Diffeo) 📅 Summer 2015

- Worked with a small team to design and develop NLP pipeline to tag files with text-extracted concepts (Python)
- Developed integrations with cloud services such as Endnote, Google Drive, and Dropbox (golang)

OTHER PROJECTS

Co-Founder [Visit](#) [↗](#)

Ringin Room 📅 2020–present

- Ringin Room is a first-of-its-kind web platform for bell-ringers
- Allows for community-building, teaching, and learning ringin over the web

TEACHING & TUTORING

Tutoring and Teaching Assistanceships

Williams College 📅 2014–2015

- TA, Philosophy 203: Logic and Language (Prof McPartland)
- Physics Tutor (Office of Student Life)
- Mathematics tutor (private)

TECHNICAL SKILLS

[Python](#) [R](#) [git](#) [L^AT_EX](#) [Scala](#)
[Java](#) [golang](#)

AWARDS, FELLOWSHIPS, & SCHOLARSHIPS

- 📅 2012 Computing Research Association — Women DREU scholarship
- 📅 2014 American Physics Society / IBM Internship scholarship
- 📅 2015 Phi Beta Kappa
- 📅 2015 James F. Skinner Prize in Chemistry
- 📅 2015–2017 Dr Herchel Smith Fellow at University of Cambridge