

QUIN MCELHINEY / quintenmcelhiney@gmail.com / 413.362.6558

EDUCATION

- 7/19-6/23 **Amherst College**, Amherst, MA
BS in *Mathematics, Computer Science*
Concentrations in *Architecture, Philosophy, Studio Arts*
- 9/15-6/18 **Salisbury School**, Salisbury, CT
Cum Laude 2017
First Scholar 2016, 2017, 2018
Founder of Salisbury Astronomy Club 2017

WORK EXPERIENCE

- 3/24-11/24 **Visiting Scholar/Data Analyst, CU Boulder**: Experience working in a multi-tier research environment on complex research topics using a variety of analytical tools, including ones I developed.
- 1/19-6/23 **IT Technician, Gershon & CO.**: experience with OS configuration, website/code maintenance, network security
- 8/21-1/22 **Teaching Assistant, Amherst CS Department**: Assistant for advanced classes on Artificial Intelligence and Cyber-Security
- 5/19-3/21 **Research Fellow, Amherst College CS**: experience working in an electronics lab designing and building relay-based computers for computer security research. Further experience in chip design, power management, and assembly programming.
- 4/15-9/16 **Phage Research Lab, Great Barrington MA**: Experience working in a biochemistry lab extracting phage from soil samples and cataloging, inspecting, and naming novel species.

OTHER

- 11/24 Pending Research Paper with Aaron Clauset's Research Group - CU Boulder
- 9/22-6/23 Fellowship researching power optimization in cluster computing - Amherst College
- 7/17-8/17 Experimental Psychology Fellow - Boston University
- 3/16-4/18 Astronomy Lab - Salisbury School

Skills: organization/itemization, quantitative aptitude, electronic design/engineering, soldering, phone/computer repair, UNIX, TEX, IT, programming (python, java, JavaScript, C, HTML, rust, perl, bash), data science, imerchant, ADP, AWS