
EDUCATION

MS in Computer Science, University of Chicago

2014 – 2017

- Overall GPA: 3.66/4.0
- Proficient in: Python, Java, SQL, Swift, R

BS with Honors in Biological Sciences, University of Chicago

2009 – 2014

- Overall GPA: 3.4/4.0

EXPERIENCE

Teaching Assistant, *University of Chicago*, Computer Science Department

9/2016 – Present

- TA for **Bioinformatics** and **Introduction to Python Programming**
- Responsible for leading weekly review sessions on material as well as grading assignments analyzing biological problems using Python

Research Assistant, *University of Chicago*, Computation Institute

3/2016 – 6/2016

- Completed practicum project applying machine learning and data analysis techniques to a large Parkinson's Disease data set using Python libraries
- Developed proficiency at feature selection and data interpolation
- Achieved a model with 89% accuracy in distinguishing PD from non-PD patients

Research Assistant, *University of Chicago*, Ben May Department

3/2012 – 6/2014

- Completed honors thesis on effects of Rap2 on focal adhesion and cytoskeletal dynamics working in the **Xiaoyang Wu Lab**
- Edited various grants and publication

Teaching Assistant, *University of Chicago*, Biological Sciences Department

9/2012 – 3/2013

- Led weekly discussions on primary and secondary papers from major journals
- Instructed students on scientific writing and conducted discussion on class topics
- Helped revise course structure

Research Intern, *American Enterprise Institute*, Karlyn Bowman

6/2010 – 8/2010

- Researched and analyzed polling data on current events and wrote blog posts for The American on these subjects
- Participated in the completion of the 2013 edition of Vital Statistics on Congress

PUBLICATIONS

- Makin, Jane. "Why fruit juice cleanses may actually be harmful to your health." Daily Caller. 06 Jan 2014.
- Makin, Jane, and Andrew Rugg. "Arizona Immigration. "Politics and Public Opinion. American Enterprise Institute, 05 Aug 2010.
- Makin, Jane, and Andrew Rugg. "Presidential Approval on Healthcare Remains Stable." Politics and Public Opinion. American Enterprise Institute, 02 Aug 2010.