

Jonah Rosenblum

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Education

University of Michigan, Honors College, Ann Arbor MI

Computer Science Major; Complex Systems Minor - 3.8 GPA

Relevant Courses - Data Structures and Algorithms; Programming and Data Structures; Discrete Mathematics; Elementary Programming Concepts; Introduction to Cryptology

Experience

Mia Learning

Washington, D.C.

Software Developer

May-August 2018

- Supported CTO in a National Science Foundation funded startup business which promotes independent reading in young children.
- Developed two Python command line tools in conjunction with Amazon Web Services to improve functionality of company's core product, a chatbot. Tools generated and processed unique data sets and created machine learning models. Data sets incorporated into machine learning processes and increased chatbot's ability to interpret human language.
- Collaborated with peers on research and development efforts aimed at solving technological challenges identified by the CEO.

National Institutes of Health

Bethesda, Maryland

Research Intern

June-August 2016

- Researched effects of chronic liver disease on patients with sleep disorders.
- Evaluated data sets for clinical research paper (under review for publication in journals).
- Presented research findings to NIH medical community and department head.

Skills

Languages

- Proficient in: C++, Python (pandas, spaCy, Flask)
- Experience with: Javascript/JQuery, mongoDB (robo 3T), command line, Java, R, HTML/CSS

Extracurriculars

Delta Tau Delta Fraternity

2017 - present

- Alumni Relations and Social Media Chairman
- Recruitment Committee member

Sports

- University of Michigan Rock Climbing Club 2017 - present
- Long distance runner 2014 - present

Personal Projects

Haiku Review

- Created a Twitter bot that tweets haikus where each line is an abbreviated news article headline. Code available on github, find @haikureviewlive on twitter to see examples.

Stockview

- Created Google Chrome extension that links company cited in a online source to its financial data on Yahoo Finance. Code available on github, downloadable on Chrome store.

School projects are not listed here but can be discussed with code provided upon request.