

Jonah Rosenblum

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Education

University of Michigan - Ann Arbor, Honors College

Graduation May 2021

Computer Science Major; Complex Systems Minor - 3.8 GPA

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

Experience

Mia Learning

Washington, D.C.

Software Development Intern

May-August 2018

- Supported CTO in a startup business funded by the National Science Foundation which promotes an independent interest in reading for young children.
- Developed command line tools to improve functionality of company's core product, a chatbot. Tools generated and processed unique data sets using Amazon Web Services and created machine learning models.
- Work was incorporated in 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
- 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

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.

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.

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