

# Jonah Rosenblum

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## Education

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University of Michigan, Honors College, Ann Arbor MI

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

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### 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 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

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### Languages

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

## Extracurriculars

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### 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

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### 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.*