

# Jonah Rosenblum

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## Education

**University of Michigan - Ann Arbor, Honors College**

**Graduating December 2020**

Bachelor of Science in *Computer Science*.

Computer Science Major; Complex Systems Minor - 3.8 GPA

## Experience

### Mia Learning

**Washington, D.C.**

*Software Development Intern*

*May-August 2018*

- Developed in-house tools to improve the functionality of the company's core product, a chatbot, by working directly with the CTO. Designed tools to generate and process unique data sets using Amazon Web Services and build new machine learning models.
- Improved existing machine learning models with an automated collection of training data and notably 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*

- Analyzed the effects of chronic liver disease on patients with sleep disorders.
- Organized and evaluated data sets for a clinical research paper (under review for publication).
- Presented research findings to NIH medical community and department head.

## Skills

### Languages and Technologies

- Proficient in: C++, Python.
- Familiar with: Javascript, C, SQLite3, R, HTML/CSS.

### Relevant Courses

- Data Structures and Algorithms; Web Systems; Introduction to Computer Organization; Introduction to Cryptology.

## Leadership

**Eta Kappa Nu (HKN) Honors Society**

2019 - present

**Delta Tau Delta Fraternity**

2017 - present

*Director Of Academic Affairs*

- Hold individual meetings for members with sub-par grades to develop academic reform plans.
- Wrote a script to automate the reservation of study rooms in the library.
- Developing a LinkedIn network with alumni to help current members find employment.

### Sports

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

## Personal Projects

### Stockview

- Created a Google Chrome extension that links company cited in an 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.