

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.
- Experience with: Javascript, SQLite, MongoDB, Java, 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.