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 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, 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) Honor 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.