Jonah Rosenblum

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Education

University of Michigan - Ann Arbor, Honors College   **Graduation May 2021**

Working towards in 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 command line tools to improve functionality of company's core product, a chatbot, by working directly with the CTO. 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

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

Leadership

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.