

Jonah Rosenblum

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Education

University of Michigan, Honors College, Ann Arbor MI

Computer Science Major; Complex Systems Minor - 3.8 GPA

Relevant Courses - Data Structures and Algorithms; Programming and Data Structures; Discrete Math; Elementary Programming Concepts; Introduction to Cryptology

Experience

Mia Learning LLC.

Software Developer

Washington, D.C.

May-August 2018

- Supported CTO in a National Science Foundation funded startup business which promotes independent reading in young children.
- Developed two 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 CEO.

National Institutes of Health

Research Intern

Bethesda, Maryland

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 (pandas, spaCy, Flask)
- Experience with: Javascript/JQuery, mongoDB (robo 3T), command line, Java, R, HTML/CSS

Extracurriculars

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

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.

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.

School Projects

- All projects done for school can be discussed with code provided upon request.