

JONAH FLEISHHACKER

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EDUCATION

University of Chicago

2018-2022

BS, Computer Science, Specialization in Data Science
Minor in Public Health
GPA: 3.81

EXPERIENCE

Mobius Materials

June - September 2021

Software Developer

San Francisco, CA

Created silicon shortage tracker webpage to connect users to marketplace, helped migrate authentication/authorization systems, and implemented pre-rendering of public-facing pages for SEO. Used React, Django REST API.

Khomtchouk Lab, University of Chicago

June - December 2020

Research Assistant, Technical Lead

Chicago, IL

Section of Computational Biomedicine and Biomedical Data Science. Led team of researchers to create a demo of 3D force-directed graph visualization of biological network data. Used Unity/C#.

University of San Francisco Health Informatics

June - September 2019

Research Assistant, Software Developer

San Francisco, CA

Implemented single-sign on authentication and continuous integration systems for bioinformatics web application. Used Clojure, Clojurescript, Travis CI

TECHNICAL STRENGTHS

Languages

Python, Javascript, C

Frameworks

React, Django REST

Data Science/Visualization Libraries

Pandas, Numpy, Matplotlib, d3

Other Tools

Docker, Travis CI, Heroku, Figma

PERSONAL PROJECTS

Covid Twitter Bot

2021

Fetches data from HHS and NYT datasets, creates visualizations and posts daily on Twitter. Received over 1500 followers and 500,000 impressions within the first week of release. Source code on [GitHub](#)

Elm Synth Sequencer

2020

Customizable and interactive synthesizer and step sequencer: available on synth.jonahdf.com

AWARDS AND HONORS

University of Chicago: Dean's List, Metcalf Scholar

International Conference On Functional Programming, Scheme 2020: Keynote Speaker
21st Century Lisp in Academic Research and Pedagogy. [Link to presentation](#)

INTERESTS

Amateur astronomy, climbing, backpacking, Hack@UChicago, jazz trumpet