

Jonah Fleishhacker jfleishhacker@uchicago.edu
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EDUCATION

The University of Chicago, Chicago, IL GPA: 3.77/4.00

BS in Computer Science, spec. Human Computer Interaction, expected June 2022

Minor in Music, expected June 2022

SKILLS

Languages: Python, C, Elm, Clojure,

Computer: Proficient in Microsoft Excel, Adobe Photoshop, Adobe Premiere

EXPERIENCE

Bohdan Khomtchouk Lab, University of Chicago Department of Medicine (Section of Computational Biomedicine and Biomedical Data Science)

Product Manager, Researcher, Software Engineer, June 2020-present

- Led team during the summer of 2020 to create an application to display complex networks in augmented reality
- Continued assisting Professor Bohdan Khomtchouk, PhD during academic year with cardiology and AR bioinformatics projects.
- Co-delivered keynote presentation with Dr. Khomtchouk for the 21st annual Scheme and Functional Programming workshop to discuss applications of Lisp-based languages in medical research and higher education.

Campus Policy Research Institute, University of Chicago

Deputy Executive Director, Co-founder, September 2019-present

- Lead 4 teams, over 20 researchers, to study policies that affect student life on campus: assist with research, communication, advisory, and organization.

University of San Francisco Health Informatics, San Francisco, CA

Software engineer, Bioinformatics, June-August 2019

- Full stack software development for bioinformatics research application
 - Assisted with design and development of a web app to analyze electroencephalogram (EEG) and electrocardiogram (EKG) data
 - Used Clojure, Clojurescript, Neo4j, Cassandra, Minikube, and Travis CI

iD Tech Camps, San Francisco, CA

Instructor, June-August 2018

- Designed and taught lessons to groups of 8-16 year old students
 - At the end of the class, mentored their creation of a related final project
 - Video production with Adobe Premiere
 - Intro to programming with C, HTML, JavaScript

PROJECTS

Elm Synth Sequencer

June 2020

- Interactive music sequencer web app: available on synth.jonahdf.com
 - Customizable scales, beats, bpm, transposition, and synthesizer, with support for file importation/exportation
 - Focus on simplistic and intuitive UI

INTERESTS

Amateur astronomy, choral singing, jazz trumpet, outdoor rock climbing, backpacking, Hillel, Hack@UChicago