

# Matthew Frucht

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## EDUCATION

### Cornell University

B.S. in Information Science  
Dyson Business Minor  
Expected Grad. May 2021  
GPA: 3.586  
Dean's List: Fall 2017

## SKILLS

### Programming Languages:

Python, Java, Javascript,  
PHP, HTML, CSS, SQL,  
LabVIEW

### Frameworks and Packages:

NumPy, Pandas, Flask,  
React.js, D3.js

### Tools:

Git, Vim,  
Adobe Photoshop,  
LaTeX

## COURSEWORK

- Data-Driven Web Applications
- Design and Programming for the Web
- Intro to Data Science
- Networks
- Object Oriented Programming and Data Structures
- Intro Computing Using Python
- Communication and Tech
- Teams and Tech

## INTERESTS

Playing Drums/Guitar  
Hiking • Being Outdoors  
Watching Hockey • Reading  
Cornell History

## EXPERIENCE

### Fussell Lab, Cornell University

June 2019 – Present

Research Assistant

Ithaca, NY

- Developing a web application designed for non-native English speakers that measures the politeness of text messages primarily using Python and JavaScript.
- Incorporating Augmented AI to improve computer-mediated communication where traditional computer-translation can lead to inappropriate tone.

### CS 1110, CS 1133, Cornell University

August 2018 – present

Teaching Assistant

Ithaca, NY

- Holding weekly office hours and facilitating hour-long lab sessions.
- Holding one-on-one sessions to provide individual students with a clearer understanding of course material.
- Grading projects and exams for a class of over 800 students learning Python and the fundamentals of programming.

### Mid Island Y JCC

Summers 2014 - 2018

Camp Counselor

Long Island, New York

- Worked summers at local day camp progressing up to senior counselor in 2017. Led groups of six- and seven-year-old children.
- Fully responsible for well-being and safety of campers.

## ACTIVITIES

### Delta Tau Delta Fraternity

House Manager

2018 - Present

- Responsible for upkeep and improvement of chapter house where members live, assigning weekly cleaning jobs, and coordinating maintenance with university.

Philanthropy Chairman

2018 - Present

- Responsible for planning philanthropy events, keeping track of members' philanthropy hours, and coordinating fundraising efforts with local chapter of the Juvenile Diabetes Research Foundation.

### Cornell University

Orientation Leader

2018 - Present

- Lead Orientation events and meetings with incoming students.