MATTHEW FRUCHT

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WORK AND EXPERIENCE

Research Assistant

Communications and Collaborative Technologies Lab
Cornell University | Ithaca, NY

📅 June 2019 – Present   📍 Ithaca, New York

- Working on an application designed for non-native English speakers that measures the politeness of text messages primarily using Python and JavaScript.
- The web application uses augmented AI to improve computer-mediated communication where traditional computer-translation can lead to inappropriate tone.

Teaching Assistant

CS 1110, CS 1133 | Cornell University

📅 August 2018 – Present   📍 Ithaca, New York

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

Camp Counselor

Mid Island Y JCC

📅 Summers 2014 - 2018   📍 Long Island, NY

- 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.

SKILLS

Programming Languages:
Python, Java, Javascript, PHP, HTML, CSS, SQL, LabVIEW

Frameworks & Packages:
NumPy, Pandas, Flask, React.js, D3.js

Tools:
Adobe Photoshop, Git, LaTeX

HOBBIES/INTERESTS

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

EDUCATION

Bachelor of Science

Cornell University

📅 Expected May 2021   📍 Ithaca, New York

- Major: Information Science
- GPA: 3.586
- Deans List: Fall 2017

Relevant coursework:

- Software:
  - Data-Driven Web Applications
  - Intermediate Design and Programming for the Web
  - Networks
  - Introductory Design and Programming for the Web
  - Object Oriented Programming and Data Structures
  - Introductory Computing Using Python
- Computer Interaction:
  - Communication and Technology
  - Teams and Technology

ACTIVITIES

Administrative Board Member

Delta Tau Delta Fraternity

📅 2018 – Present   📍 Ithaca, New York

- House Manager (2018 – Present): Responsible for upkeep and improvement of chapter house where fraternity 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 JDRF chapter.

Orientation Leader

Cornell University

📅 2018 – Present   📍 Ithaca, New York

- Lead Orientation events and meetings with incoming students.