Matthew Frucht

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EDUCATION

Cornell University, Ithaca, NY
Expected May 2021
Bachelor of Science in Information Science
Business Minor
GPA: 3.586
Dean's list: Fall 2017

Relevant Coursework:
Data-Driven Web Applications; Intermediate Design and Programming for the Web; Communication and Tech; Networks; Teams and Tech; Introductory Design and Programming for the Web; Object Oriented Programming and Data Structures; Introductory Computing Using Python

WORK AND EXPERIENCE

Research Assistant
June 2019 - Present
Communications and Collaborative Technologies Lab | Cornell University | Ithaca, NY
- 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
August 2018 - Present
Cornell University | Ithaca, NY
- 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
Summers 2014 - 2018
Mid Island Y JCC | 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.

ACTIVITIES

Delta Tau Delta Fraternity
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 and keeping track of members' philanthropy hours.
- Coordinate fundraising efforts with local JDRF chapter.

Orientation Leader at Cornell University
2018 - Present
- Lead Orientation events and meetings with incoming students.

SKILLS

Python: Fluent in the use of assignments, conditional statements, loops, recursion, method calls, array, turtle, functions, classes, inheritance program structure and organization, object-oriented programming
Java: Fluent in use of procedural statements, graphical user interfaces, algorithm analysis, recursion.
Web Development: React.js, JavaScript, PHP, D3.js, HTML, CSS
Software: SQLite, MySQL, Visual Studio Code, LabVIEW, Microsoft Office, Adobe Photoshop
Network Analyzing: Graph Theory, Game Theory

HOBBIES/INTERESTS

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