Odessa Thompson

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Education

Cornell University, College of Arts and Sciences **Class of 2024**

- B.A. of Computer Science, Minor in Design and Environmental Analysis, Cumulative GPA: 3.43
- Milstein Program in Technology and Humanities 2024 Cohort

Relevant Coursework: *(* = currently enrolled)*

CS 4820 — Analysis of Algorithms*
CS 3410 — Computer System Organization*
CS 3110 — Functional Programming
CS 2110 — Obj-Oriented Prog & Data Struc
CS 2800 — Discrete Structures
MATH 2110 — Linear Algebra
INFO 1998 — Digital Project Design
DEA 1110 — Difference in Design

Skills

- Languages: Java, Python, React, Typescript, HTML/CSS, OCaml
- Technologies: numpy, scipy, pandas
- Other: Spanish, Final Cut Pro, Adobe Premiere Pro, other video editing software

Work Experience

Explore Intern (Software Engineering and Project Manager), ***Microsoft*** **Summer 2021**

- Created and iterated upon a local stores price comparison Android app for the Bing super-app
- Fully designed and developed a frontend user experience in React, prioritizing a native camera barcode scanner, an active session history, and geospatial data
- Engineered and integrated web and native scraping, with both HTML and Javascript
- Led user-testing, scaffolding, and design meetings

Design and Operations, ***Cornell University Unmanned Air Systems*** **2020 - Present**

- Redesigned and engineered a new user interface for subsections of cuair.org
- Illustrated and iterated upon team logos and other visual material for posters and website
- Created recruitment material using past data to reach out to a more diverse community of engineers and developers

Community Programs Intern, ***Herbert F. Johnson Museum of Art*** **2020 - Present**

- Wrote, edited, and filmed 5+ STEM curriculum videos for elementary schools using local and museum art as a focal point
- Design interactive educational projects to teach new STEM concepts in an engaging and fun way
- Work with curators and community programs managers to create community outreach projects for the greater Ithaca area

Data Scientist, ***MIT Beaver Works Summer Institute*** **Summer 2019**

- Specialized in the intersection of data science and medical research and analysis.
- Implemented supervised and unsupervised algorithms, time series data analysis, and artificial neural networks
- Spent 12 weeks completing online data science and Python course work, spent 4 weeks with MIT professors completing a capstone project and further learning about data science techniques
- Won Most Notable Project in Medlytics category for capstone project