Naomi C. Geffken

Data Analyst + Researcher

Current Research: Transforming Data into Sound for the Visually Impaired Using Sonification (HCI)

BACKGROUND & PROFILE

Hi! I'm driven by curiosity about the world, asking lots of questions, and understanding the big picture of how things work. I'm team-focused, energetic, and like to make connections between disciplines. Looking to expand my data-analysis abilities in future-focused projects.

PROFESSIONAL SKILLS

Java (advanced)
Python (Intermediate)
JuliaLang (Intermediate)
Tableau (Intermediate)
Stata (Advanced)
Microsoft Suite (Advanced)
Teaching (5 Years Experience)

LET'S GET IN TOUCH!

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ROLES & POSITIONS

Data Research Assistant

CYCJ at Clark University | August 2019-present

+ Manages REDCap Database to extract and analyze qualitative data
+ Builds REDCap research instruments to measure long-term growth of families affected by trauma
+ Transitions data to the Arizona Self-Sufficiency Matrix to better reflect the needs of our clients
+ Crafts visualizations of extracted and cleaned data using Tableau

Lead Summer Computer Coding Instructor

Bruce Wells Scholars Upward Bound | May - August 2019

+ Created inaugural computer science curriculum.
+ Managed intern and led a weeklong computer science intership program for high school students
+ Taught ~50 students app design, JavaScript, and Python

ACADEMIC BACKGROUND

Clark University | 2017-2021

**Economics and Computer Science Major
Data Science Minor**

-Deans List | Fall 2018
-Expanded Campus Copy Center | 2018-2019
-Organized Model UN High School Conference | 2018. 2019
-Vice-President Bullock Hall Council | 2017-2018
-Competed at Yale Security Council Conference | 2017

Co-founder + Secretary

Clark Center for Technology, Innovation, and Entrepreneurship | Fall 2018

+ Organized first event which attracted 130 attendees
+ Forged foundational structure, goals, and values.
+ Helped president secure ~100k to convert bookstore to innovation space
+ Organized weekly membership-wide events and meetings

Projects

OmiCloud: fall-detection software
Processing, Azure, and Microsoft Kinnect to detect that a human has fallen. Sends an alert to caretakers phone using Twilio. Won 3 awards at TechTogether BU 2019.

E-Missions App: motivate investment in E-Vehicles
Compares efficiency of electronic car and translates to estimated savings. Using Google Location Services API.

Awards

TechTogether at Boston University | March 2019
Most Promising Entrepreneurship: Rough Draft Ventures
Scrappiest Award: Contrary Capital
Come as You Are: Experimental Civic for the City of Boston

WHACK at Wellesley Hackathon | October 2018
SEC Clean Transportation Challenge Winner
Best Implementation of Google Cloud API