Erika Hauschild

https://www.linkedin.com/in/erikahauschild   https://github.com/erihaus

Cell: (203)550-4672   Email: esh79@cornell.edu

SUMMARY
Sophomore with past experience and coursework in psychology, front end and backend application development, design, and computer science. Hoping to conduct research in human computer interaction and user experience design. Currently designing and developing a website to help users discover their sense of fashion as a student in INFO 2300: Intermediate Design and Programming for the Web. Conducting a case study on the mobile application Tik Tok as a student taking INFO 1998: Intro to Digital Product Design.

EDUCATION
Cornell University, College of Engineering, Ithaca, NY   **Expected May 2022**
Bachelor of Science, Computer Science
Hunter R. Rawlings III Presidential Research Scholar (awarded to up to 200 students per year)
Overall GPA: 3.14

Relevant Courses: DEA 1500: Introduction to Environmental Psychology; COGST 2621: Minds and Machines; PSYCH 2090: Developmental Psychology; CS 3110: Data Structures and Functional Programming; CS 2110: Object-Oriented Programming and Data Structures; CS 2800 Discrete Structures

UX DESIGN EXPERIENCE
Medium Design Collective, Cornell University, *User Experience Designer*   **Sep. 2019-Present**
- Conducted user and online research to find a problem people faced related to the theme: diversity and inclusion
- Designed the prototype for a website using Figma that allows users to adjust a model of a body to resemble their own
- Created interface of search engine that displays clothing based on the alterations the user makes to the model, getting rid of the need for search filters that burden users and make them feel excluded and "different"

Pocket Therapy, Personal Project, *Web Developer and UX Designer*   **June 2018-Oct. 2019**
- Developed a website to make users that are distressed feel validated through automated responses to their input
- Implemented a music player and the ability to change the background color/image using JavaScript and jQuery
- Introduced feature allowing users to sign into website with Google account and store their data using Firebase
- Programmed event-driven actions for therapeutic effect including text shrinking, fading, and growth upon hover/click using JavaScript and jQuery

B.H. Asset Management LLC, Greenwich, CT, *Web Design Intern*   **June-Aug. 2018**
- Developed the layout, design, and content for the company website using AdvisorWebsites and HTML/CSS
- Wrote and designed new marketing content using Microsoft PowerPoint to pitch to prospective employees and clients

FRONT END DEVELOPMENT EXPERIENCE
AguaClara Engineering Project Team, Cornell University, *Software Engineer*   **Sep. 2019-Present**
- Adjusted existing code to process images and return the count and size of flocs using Python, OpenCV, and NumPy
- Programmed functions that allow user to create a database, create a connection to the database, and manipulate it using SQLite3 by storing, retrieving, removing, updating and exporting data
- Integrated database functionality and image processing algorithm with user interface, allowing users to begin a loop that continuously takes photos, processes each photo to get data, and stores data in a database at the click of a button

Rational Investing LLC, Stamford, CT, *Web Development Intern*   **June-Aug. 2018**
- Revamped Rational Investing website by making it responsive and implementing a navigation bar and dropdown menus that appear on hover using ASP.net, HTML, CSS, and jQuery
- Generated tables that are updated in real-time with returns data using C# and ASP.net

SPECIALIZED SKILLS
Proficient in: Figma, Object-Oriented Programming (Java, Python), OpenCV, HTML, CSS, JavaScript, jQuery, Bootstrap, Git
Familiar with: Illustrator, Sketch, React, Node, Express, Swift, REST API, Firebase, NumPy, Cocoa Pods, SQL