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Get in touch.

Charlotte Raz

View my personal website:
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Education

Jan 2019 – Dec 2022

Bachelor of Arts in Computer Science

Minor in Art Studio
University of Alabama
at Birmingham

Skills

Programming Languages:

HTML, CSS, JavaScript/
TypeScript, ReactJS, C,
Python, Java

Libraries & Frameworks:

BootStrap, Node, Express, Flask,
MySQL, MongoDB

Tools & Platforms

Git/Github, VS Code, IntelliJ,
Adobe Suite, Figma, MS Office

Relevant Courses

Advanced Web Development
Java Object Oriented
Programming
Algorithm and Data Structures
Software Engineering
Database App Development

Projects

IoT Smart Home

A full-stack smart home website that lets users control house devices. It tracks electricity and water usage and shows their monthly cost in a dynamic line graph as well as in a detailed table.

> Technologies used are ReactJS, Python/Flask, PostgreSQL

Drone Farm Assistant

A JavaFX application that lets users control a physical drone to scan and visit areas. It lets users manipulate farm items and containers in a graphical interface where they can also view how much each item costs for both market value and price.

> Technologies used are Java/JavaFX, SceneBuilder, Tello Drone, Tello SDK

Quizerrific

A quiz game website where players can pick one from categories with different levels of difficulty to play.

> Technologies used are Python, NodeJS, BootStrap, SQLite

Experience

Sept - Dec 2022 / University of Alabama at Birmingham / SAMAC

Assistant Photographer / Videographer

Worked as both photographer and videographer for Student Affairs and Marketing Department.

> Gained experience working in a collaborative team to better market UAB student Affairs

> Learned how to effectively tell stories through images and videos

> Aquired the skill to take and make constructive criticisms for improvement