

INDIA SCHLAE HILL

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TECHNOLOGIES

CSS3, HTML5, Bootstrap, Figma, MatLab, Notion, Git, JavaScript, AWS, GitHub Pages, Kaboom.js Library, YouTube Data V3 API, PostgreSQL, Express.js, Node.js, Bulma, React, SQL, Knex.js

SOFTWARE PROJECTS

MSC (2 person group) | [GitHub](#)

May 2023 (7 days)

A full-stack social media application providing a platform for sharing and connecting through authentic and inspiring travel stories.

- ❖ Served as Product Manager and lead-backend engineer, directed the delegation of project components.
- ❖ Planned & implemented the main CRUD routes, controllers, & models for the server, and connected the front-end interface.
- ❖ Used JavaScript, HTML5, Bulma, GitHub Pages, Figma, Diagrams.net, PostgreSQL, TablePlus, VSCode, Express.js, Node.js

Mind Matters (2 person group) | [GitHub](#) | [Figma Board](#)

March 2023 (7 days)

A web application that offers a wide range of guided meditations, exercises, and information tailored based on user input.

- ❖ Created main website functionality, was Scrum Master, as well as managed & reviewed all GitHub merge & pull requests
- ❖ Designed & implemented the back-end & front-end for home page, as well as the video generation based on user input
- ❖ Utilized: JavaScript, HTML5, CSS, GitHub Pages, Figma, YouTube Data V3 API

Rise & Climb (3 person group) | [GitHub](#) | [Figma Board](#)

February 2023 (7 days)

A two-player game where you compete to collect logs, throw rocks at each other, and escape the cliff!

- ❖ Added key game functionality, as well as managed, reviewed, and synchronized all GitHub merge & pull requests
- ❖ Created the randomized log & rock generation, falling object and player movement, scoring system, and winning conditions, plus the functionality to display the winner and player animation sequence
- ❖ Utilized: JavaScript, Kaboom.js Library, HTML5, CSS, GitHub Pages, Figma

EXPERIENCE

Clerical Worker | The Department of Social Services (APS)

Brooklyn, NY | July 2022 - August 2022

- ❖ Systemized 100+ incoming cases and streamlined the distribution of relevant files and data to APS Caseworkers
- ❖ Learned and maintained the upkeep of APS filing and database system

Engineering Intern | Billion Oyster Project

Governors Island, NY | Summer 2017 & 2018

- ❖ Responsible for basic engineering tasks to support the Billion Oyster Project activities; drafting project plans, assisting in manual work, writing meeting reports, and assisting in the New York Harbor School Ocean Engineering workshop.
- ❖ Welded cages for the Billion Oyster Project to protect native species of aquatic life, preserve the coastline, and improve the water quality of the Hudson Harbor.

Architecture Intern | Mancini Duffy

New York, NY | September 2017 - June 2018

- ❖ Completed tours and training on multiple specializations within architecture, construction, and engineering.
- ❖ Worked directly with employees while drafting and revising a blueprint detailing the plans for designing and constructing a new Ellis Island Ferry Station.

EDUCATION

Software Engineering Fellowship - The Marcy Lab School

Brooklyn, NY | September 2022 - Present

- ❖ Completing 2,000 hours of coursework in web development, CS fundamentals, and leadership development
- ❖ Developing proficiency in HTML/CSS, JavaScript, Python, NodeJS, ReactJS, SQL, and AWS
- ❖ Contributing to the open-source community by writing articles

Georgia Institute of Technology

Brooklyn, NY | August 2020 - April 2022

- ❖ Coursework completed toward a Bachelor in Environmental Engineering
- ❖ Relevant Coursework: Computer Science - MatLab, MicroEconomics, Physics, Multivariable Calculus

SKILLS

[Computer-Aided Design Certification](#) - National Occupational Competency Testing Institute
2019

New York, NY | May

Safe Boating Certification

Shielded Metal Arc (SMA) Welding, Soldering