

Lifazul Tonmoy

FULL-STACK DEVELOPER

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EDUCATION

App Academy (Spring 2018)

Full-Stack Developer

1000-hours Immersive software development course with focus on full stack web development (Less than 3% acceptance rate)

CareerFoundry (Dec. 2015-Jan. 2016)

UX/UI Design Course

Online course centered around tools for UX/UI
Learned techniques to record user analytics to measure changes in design

City College of New York

Bachelor of Engineering

Magna cum Laude 3.5/4.0

Grove Kaylie Scholar

Step Scholar

SKILLS

LANGUAGES

CSS • Ruby • React • Redux • Rails
jQuery • SQL • HTML • RSpec/TDD
Webpack • Javascript

DESIGN

Photoshop
Illustrator
Sketch
Information Architecture
Usability Testing
Google Analytics
Card Sorting

SOFT SKILLS

Communication
Presentation
Project Managing
Writing

INTERESTS

Team Sport (Basketball)
Game/Strategy (Chess)

PROJECTS

Wondernote MAY 2018-Present

[Live Site](#) | [Github](#)

Ruby on Rails, React.js/Redux, PostgreSQL, Quill.js, Webpack

A cloud-based note-taking and organizational app inspired by Evernote

- Implemented Quill.js to support rich-text editing to expand tools for note taking
- Recycled React Components to keep code DRY by rendering different containers
- Utilized React's virtual DOM with a Redux store to perform note CRUD operations using RESTful API calls

Smart Rocket MAY 2018-Present

[Live Site](#) | [Github](#)

HTML5, Webpack, Canvas, Javascript

A browser demonstration displaying the trajectory from one source to a target

- Applied physics to create a unit vector (same speed) with random direction in order to determine the shortest distance between two points
- Place collision detection on barriers to find point of impact and the opposing trajectories of the subrockets based on the path of collision
- Constructed a node tree in order for the smart rocket to "inherit" the velocities of previous vectors to reach the target

DOMnoy MAY 2018-Present

[Live Site](#) | [Github](#)

Javascript, HTML5

DOM manipulation library that is used for a demonstration of Tic Tac Toe

- Built a Javascript library to provide shortcuts for DOM manipulation, such as AJAX requests, event handling and HTML selectors/setters/getters
- Used Rails to create the backend game logic and Javascript for the frontend to demonstrate several tools of the DOMnoy library

Taskly DEC 2015-FEB 2016

Sketch, Wireframing, card sorting, A/B testing, information architecture

A designed project management tool to keep track of projects, goals, and tasks

- Developed front-end user designs for mobile, tablet and desktop iterations (in that order) to translate displaying information through varying screen sizes
- Employed UX tools (wireframing, card sorting, information architecture, A/B testing) to design an app centered around the users' needs
- Conducted user interviews and surveys to construct a site that increased satisfaction by 50% to show improvements in the changes of the iterations

EXPERIENCE

Project Manager | May 2016 - January 2018

Department of Design and Construction

- Oversaw the budget and scheduling in construction projects to make sure that the project followed its timetable and met any required deadlines
- Interacted with three major group parties to solve half a million dollars worth in outstanding payments
- Managed and communicated with contractors, clients, and workers to make sure project's goals were understood amongst all parties

Calculus Teacher | June 2014 - Sept 2014

Kappy Academy

- Orchestrated lesson plans to cover Calculus material condensed in a 7 week program to improve students' scores on average of 70%
- Prepped the material to clearly and effectively through presentations to explain differentials and integrals to students learning the concept for the first time