Lucas Hong

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Technical skills

Languages
Javascript (ES6), Typescript, Java, Python, CSS, HTML

Frameworks / Libraries / Tools
React, Redux, Express.js, Node.js, Android Studio, Unity (C#), MongoDB, Git, Firebase, SASS, MaterialUI

Education

Carleton University [September 2012 - April 2017]
Bachelor of Architectural Studies

Projects

Abella   github.com/abellabakery
abellabakery.ca
- Full stack e-commerce single page application utilizing React, Redux and MaterialUI, while employing Stripe's API and infrastructure to process payments.
- Designed and implemented REST API with Node.js and Express.js, to manage data such as product information, user information/authentication, orders, payments, favourites and reviews, stored on a NoSQL Firestore database.

Budget Tix   github.com/budget-tix
budgettix.netlify.app
- React web application that merges ticket listings from different vendors such as SeatGeek and Stubhub, by parsing data from each APIs to display the combined results based on user's search inputs.
- Implemented an improved search/filter structure to display more accurate and relevant results, as well as UI improvements which displayed further in-depth information about each event in a compact and accessible manner, resulting in a more efficient search experience for the user.

Volume Adapt   github.com/volume-adapt
chrome web store / volume adapt
- Chrome extension that utilizes its API to allow the user to adjust the volume of different tabs individually, as well as display and navigate through different tabs playing audio.
- Users are able to contribute to crowd-sourcing an optimal volume for different Youtube videos, by submitting their suitable volume for each video handled with REST API collected on a Firestore database.
- The data is then used to automatically optimize itself to match the suggested volume for different videos upon opening a new one, to enhance the user's browsing experience without requiring additional actions.

Experience

Quadrangle   Toronto, Canada
Architectural Graduate   October 2017 - November 2019
- While being in charge of the central models, coordinated projects implementing frequent changes necessary to meet different requirements such as consultant's proposals, client's suggestions and revisions, in a fast-paced environment.
- Involved in multiple residential projects, used critical thinking and problem solving skills to handle both technical and design related challenges that emerged throughout various phases of project development.

Bjarke Ingels Group   New York, USA
Architectural Intern   October 2015 - August 2016
- Worked on projects of different types located throughout the United States, while being responsible for the design process and presentations such as massing studies, research, 3d modeling and rendering for projects in various phases.
- Adapted to different requirements of each projects such as building use, by-laws, utilization, and implemented applicable design strategies to present different options and solutions to the clients while working closely with them.