Yuduo Zhao

zyud.me
github.com/zyud
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Philadelphia, PA

Skills

JavaScript ES6+, React, Redux, Node.js, Java, SQL, MongoDB, Git, GraphQL, HTML, CSS, Sass, Bootstrap, Test Driven Development, UX/UI, Photoshop, Illustrator

Experience

UPenn CIS Department / Graduate Teaching Assistant
AUG 2018 - DEC 2018, PHILADELPHIA, PA
➔ Class: CIT 592 - Mathematical Foundations of Computer Science
➔ Topics: Graph theory, trees, probability, logic, proofs, induction and recursion

Dearest, Inc. / Web Developer Intern
MAY 2018 - AUG 2018, NEW YORK, NY
➔ Sketch and design web app UI in Adobe XD and implement with CSS, JavaScript, and React (see sign up pages at dearest.io)
➔ Implement educator progress report review system with GraphQL, MongoDB and Node.js
➔ Integrate Stripe Connect API with booking payment system using Node.js
➔ Refactor parts of the codebase to follow JavaScript and React best practices

Enterprise Lighting Sales / Specification Sales Representative
JAN 2015 - APR 2017, NEW YORK, NY
➔ Conduct sales calls and organize meetings with architects and engineers

Education

The University of Pennsylvania / Master in Computer Science (MCIT)
AUG 2017 - MAY 2019, PHILADELPHIA, PA, GPA: 3.90/4.00

The Pennsylvania State University / Bachelor & Master in Architectural Engr.
AUG 2007 - DEC 2012, UNIVERSITY PARK, PA, GPA: 3.84/4.00, HIGH DISTINCTION

Projects

MyReads / June 2018

Web app that helps the user keep track of books sorted into three shelves and allows the user to remove and add books by search via a backend API.

Tech Stack: HTML, CSS, JavaScript, React, React-Router

Arduino Web App / March 2018 - May 2018

Web interface and server that displays graphical temperature data from an Arduino sensor and allows the user to control the Arduino's LED lights.

Tech Stack: HTML, CSS, Bootstrap, JavaScript, D3.js, C, C++

Movie Recommender / April 2018 - May 2018

Movie recommendation program that implements a k-nearest neighbors collaborative filtering system for movie preference prediction.

Tech Stack: Java