Keith Yong

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Links

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github.com/keithyong
keithy.me

Education

University of Delaware
Computer Science BS
Class of 2016

Work

Conferency (2015) - Worked as a full stack web developer for a startup. Built various features for a multipage web application in Flask. Worked on creating new REST API endpoints. Built various front-end templates out of Jinja2 and Bootstrap. Created CSS for the landing page and navbars. Used a Git workflow system of branching and pull requests.

Projects

Find my web projects at keithy.me
pstmin (2016)
Created a minimalist pastebin.com clone written in Golang. Demo

moolist (2016)
Created a persistent todo list with React and Redux. Uses server side rendering to increase initial render time. Demo

Reddit Clone (2015)
Created a reddit.com clone. Used React as the primary front end framework, and created React components such as Post.jsx and Comment.jsx to avoid DRY. Designed a full SQL schema to handle posts, comments, upvotes, and other features. Used PostgresQL trigger functions to handle efficient upvoting. Utilized webpack to bundle up all dependencies into several bundle.js files. Github Demo

Online Fibonacci Calculator (December 2014)
Wrote an online nth-Fibonacci calculator in Javascript. Gives the users a choice to calculate using dynamic programming or recursion, and notifies them of the running time. Wrote an explanation under the calculator which analyzes how dynamic programming significantly reduces running time. Used D3.js and media queries to make mobile responsive recursion tree visuals. Github Demo

Languages

Great - Javascript, Node.js, React.js, PostgreSQL/MySQL, CSS

Familiar - Python, Golang, C, C++, LaTeX

Courses

Data Structures & Algorithms, Computer Architecture, Operating Systems, SQL, Advanced Web Technologies