Gancheng Luo

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Personal Website

Objective

Motivated and detail-oriented Computer Science, Statistics, and Math student who possess good knowledge of frond&back end development, data visualization, multitasking skills, fasting learning ability, and extensive experience in working in a team.

Technical Skills

- General skills: JavaScript, HTML5, CSS3, Python, C, Java, Git, R, LaTeX, Markdown, (no)SQL database
- JS frameworks: React, NodeJS, MaterialUI, MongoDB, jQuery

Projects

- Dynamic Data Visualization Library at Dynrank.js
    A JavaScript library for demonstrating the dynamic changing of rankings of objects.
    Based on DOM manipulation by jQuery.
    Deployed by Heroku.
- Online cryptocurrency community and trading at CryptoGoGo
    A team project with REST API, built with React for front-end and Express and MongoDB for back-end.
    Leaded the team and designed the prototype of the website.
    Designed and implemented front-end for the community section by React and MaterialUI.
    Designed MongoDB schema and implemented back-end API.
    Provided simultaion trading for cryptocurrency and discussion board.
    Involved login authentication, user and administrator functionality.
- Personal website at andy8647.com
    A personal website built with Github Page and Jekyll
    Involved customized domain and DNS hosting.
- Bank deposit and transaction system
    A simultaion of bank system built with Java. Provided deposit, withdraw, and transaction functionality.

Certification

SAS Certified Professional: Base Programming Using SAS 9.4

Education

University of Toronto   Sep 2017 - present
Bachelor of Science, Major in Statistics, Minor in Mathematics and Computer Science
    Main Courses: Math Expr&Rsng for Cs, Data Structures & Analysis, Software Design, Intro to Databases,
        Intro Machine Learning, Soft Tools & Sys Prog, Programming on Web, Methods of Data Analysis