

Gancheng Luo

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[Personal Website](#)

Objective

Motivated and detail-oriented Computer Science, Statistics, and Math student who possess good knowledge of front&back end development, data visualization, multitasking skills, fast 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 JS and 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.
Led 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 simultaneous trading for cryptocurrency and discussion board.
Involved login authentication, user and administrator functionality.
- Personal website at [andy8647.com](#)
A personal website built with Github Pages and Jekyll
Involved customized domain and DNS hosting.
- Bank deposit and transaction system
A simulation 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 Expression for CS, Data Structures & Analysis, Software Design, Intro to Databases,
Intro Machine Learning, Soft Tools & Sys Prog, Programming on Web, Methods of Data Analysis