

Siyuan(George) Huo

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LinkedIn: /siyuanhuo | GitHub: /siyuanhuo | Portfolio: siyuanhuo.github.io/react-portfolio

SUMMARY

Recent graduate with a B.Sc. degree in Computer Science and Mathematics passionate about Web Application Development. 4 years of hands-on experience of programming using multiple languages such as Python, Java, HTML, CSS and JavaScript. Earned a certification of Full Stack Web Development from the University of Toronto Coding Bootcamp. Proven ability to design and develop fully functional web applications. Experienced problem-solver, time-manager and fast-learner who is motivated to develop apps with cutting-edge technologies.

SKILLS

Languages: HTML/CSS, JavaScript, SQL, NoSQL, Python, Java, C

Packages & Tools: React.js, Bootstrap, Node.js, Express.js, MySQL, jQuery, AJAX, PostgreSQL

Design Pattern & Other: OOP, MVC, PWA, MERN Stack, RESTful API, GitHub, Linux, Heroku

SELF-DRIVEN PROJECTS

Event Notifier | github.com/cycy6/Event-notification.git | cycy6.github.io/Event-notification/

- Summary: A user friendly cross-browser supplementary app for reminding seniors to take medicines on specific time
- Tools: HTML, CSS, JavaScript, APIs, Bootstrap
- Designed and built contact page that user can send comment to administrator's email from the UI
- Established a notification system to send reminder by email on time organized by user
- Made a presentation, introduced the application's functions and usages

Library Management System | github.com/fatihay53/library-management-system.git | library-management-system-lms.herokuapp.com

- Summary: A management system that helps library admin to manage book collection data and track borrowing status
- Tools: HTML, CSS, JavaScript, APIs, Bootstrap, MySQL, Express, MVC
- Participated in designing and developing of library database schema using MySQL
- Designed and built membership management system which allows admin to manage members' profile
- Established Restful APIs which enables user to borrow/return books via page access
- Created book search function that allow user to search by keywords

eCommerce Website | github.com/Drageon/peak-everest-furniture.git | peak-everest-furniture.herokuapp.com

- Summary: A full E-commerce solution for small business that is built with React, Express.js, and MongoDB Atlas
- Tools: HTML, CSS, JavaScript, Bootstrap, MERN(MongoDB, Express, React, Node.js), RESTful API
- Discussed and designed the website structure with the team based on proposed requirements
- Built a registration API that a register page use to store new user into database; helped complete the admin panel and item search & display module; Implemented Stripe/Paypal integration to realize online payment process
- Made a presentation, introduced future updates and improvements of the application

Portfolio | github.com/siyuanhuo/react-portfolio.git | siyuanhuo.github.io/react-portfolio

- Summary: A React portfolio web-page with personal intro and links to all project repositories
- Tools: HTML, CSS, JavaScript, Bootstrap, Express, React
- Designed and built application UI with bootstrap framework
- Established three main components, make sure pages has proper links to each other
- Developed a contact system allow visitor to send comment through email

EXPERIENCE

Technical Support, Harbin Municipal Engineering Design Institute

Jul 2017 - Nov 2017

- Installed, configured and updated software and hardware of working station, process daily maintenance
- Diagnosed and repaired system faults, configured web environment and resolved network issues
- Assisted with mapping, texture material collecting and 3d model rendering
- Assisted with data analysis and data visualization using Excel

EDUCATION

Full Stack Web Development, University of Toronto Continuing Studies

Apr 2021

Bachelor of Science (Computer Science & Mathematics), University of Toronto

Jun 2020