**Siyuan(George) Huo**

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**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](https://github.com/cycy6/Event-notification.git) | [cycy6.github.io/Event-notification/](https://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](https://github.com/fatihay53/library-management-system.git) | [library-management-system-lms.herokuapp.com](https://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/Dragontalker/peak-everest-furniture.git](https://github.com/Dragontalker/peak-everest-furniture.git) | [peak-everest-furniture.herokuapp.com](https://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](https://github.com/siyuanhuo/react-portfolio.git) | [siyuanhuo.github.io/react-portfolio](https://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