

Ziyong He

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GitHub: <https://github.com/ZiyongHe>

Portfolio: <https://ziyonghe.github.io/Portfolio>

SUMMARY

Full Stack Web Developer with 5 years of background in Aerospace Engineering and lifelong dedication to learning. Collaborative and meticulously performance-focused in project managing skills. Combining creativity with problem-solving skills to develop user-friendly applications. Recently earned a Certificate in Full Stack Web Development from Carleton University.

SKILLS & APPLIED PROJECTS

Technical skills - languages and technologies

- HTML5, CSS3, JavaScript, Bootstrap, jQuery, Node.js, testing, Express.js, handlebar.js, React.js, Anime.js, MySQL, MongoDB, PWA, MVC, C++ and Python

OOP General Hospital Database Application

- A deployed database group project simulates basic patient flow in hospital environment, enabling users to manipulate patient flow
- Applied HTML, Bootstrap, JavaScript, MVC, Express, MySQL, Anime.js and Heroku for this web application
- Link: <https://github.com/ginajonas/oop-general-hospital>

Eat Local Web Application

- Web application completed remotely within a team of 3 to explore local restaurants using three APIs (yelp, zomato, google maps)
- Applied HTML, Bulma CSS framework and JavaScript for coding
- Link: <https://github.com/ZiyongHe/EatLocal>

Day Planner Web Application

- Web application to construct a working hour to-do list, being able to store data locally
- Applied HTML, CSS and JavaScript to realize visualization and functionality
- Link: <https://github.com/ZiyongHe/day-planner>

EXPERIENCE

- Powerplant Engineer Assistant (2017.7 - 2017.8)
Guangzhou Aircraft Maintenance Engineering Company Guangzhou, China
 - Applied advanced techniques from GE90 Engine Condition Trend Monitoring to monitored P&W fleet engine data from China South Airline
 - Reported detections of abnormal engine condition to engine maintenance department for scheduling inspection

EDUCATION

Certificate in Full Stack Web Development (2020.9 - 2021.2)
Carleton University, Ottawa, Ontario

- A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, JQuery, Bootstrap, Node.js, MySQL, MongoDB, Express, Handlebars.js and React.js

Bachelor's Degree in Aerospace Engineering (2014.9 - 2019.6)
Carleton University, Ottawa, Ontario

- Engineering program emphasizing the development of analytical, computational, and hands-on engineering and design skills related to the aerospace field