

Full Stack Web Developer

(713) 909-9345 lingweikong10@gmail.com

EDUCATION:

University of Houston
B.S. in Computer Science

Expected December 2022
GPA 3.9

SKILLS:

Languages: HTML, CSS, JavaScript, Python, C++, Java

Front-End Technologies: React, Bootstrap

Back-End Technologies: Express.js, Django, MongoDB, MySQL

Other Technologies: Git, Node.js, Bash

PROJECTS:

Facebook Clone

Live App: <https://reactbook-backend.herokuapp.com>

React, Express.js, MongoDB

- Developed a full-stack social media application utilizing React, Express.js and MongoDB.
- Designed data architecture to model the relation between users, posts, comments and likes.
- Followed REST API structure for good maintainability of API and easy integration with front-end.
- Created responsive UI by utilizing animations and accommodating different screen sizes.
- Incorporated safety measures such as password encryption during account creation and using session and cookie after login.

E-commerce Website

Live App: <https://lkong01.github.io/shopping>

React, Redux, eBay API

- Designed custom reusable and responsive UI components using React.
- Utilized React Router and Redux for seamless application navigation and global state management.
- Incorporated eBay's Buy API for users to search and find more items.

OpenSpecy

Group Project

Scrum, Bootstrap, Machine Learning

- Collaborated with a group of six using Agile and Scrum best practices.
- Led the machine learning task setting up goals and integrating final products.
- Built a website to identify laser spectroscopy uploaded by users.
- Achieved an accuracy of 85% in identifying spectroscopy type.

EXPERIENCE:

University of Houston | Research Assistant

2022

- Working with a group of professors and PHD students to perform a year-long research in data science at UH Analysis and Intelligent Systems Laboratory.

volunteerHOUSTON.org | volunteer

2019 - 2022

- Connected with various nonprofit agencies to contribute and give back to the Greater Houston community.

HONORS:

- Transfer Excellence Scholarship, University of Houston, 2020
- Dean's Distinguished Scholars List, University of Houston, 2020 - 2022