

LINGWEI KONG

Full Stack Web Developer

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<https://lkong01.github.io/portfolio>

EDUCATION:

University of Houston
Bachelor of 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, Django, MongoDB, MySQL

Other Technologies: Git, Node.JS, Bash

PROJECTS:

Facebook Clone

React, Express, MongoDB

- Back-end provides REST API using Express.js and stores data in MongoDB Atlas.
- Front-end uses React and fetches data from the back-end through API.
- Users can post, comment and like other posts, and send friend requests.
- Security measures include password encryption during registration using Passport.js and session after login.

OpenSpecy

Scrum, Bootstrap, ML

- Collaborated with a group of 6 utilizing Scrum practices and underwent 3 sprints.
- Built a website to identify laser spectroscopy uploaded by users.
- Led the machine learning task setting up goals and integrating final products.
- Achieved an accuracy of 85% in identifying spectroscopy type.

E-commerce Website

React, Redux, eBay API

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

EXPERIENCE:

University of Houston | Teaching Assistant

2022

- Assisted the professor with teaching and grading of assignments and exams, and helped students with questions for a computer vision course.

volunteerHOUSTON.org | volunteer

2019 - 2022

- Connected with various nonprofit agencies to contribute and give back to the Greater Houston community. Logged about a hundred hours of service.

HONORS:

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