

Full Stack Web Developer

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EDUCATION:

University of Houston December 2022
B.S. in Computer Science GPA 3.9
Relevant Coursework: Algorithms and Data Structures, Computer Networks, Database System, Operating System, Software Engineering.

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 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

- Work with a group of professors and PhD students to perform a year-long research in data science at UH Analysis and Intelligent Systems Laboratory.
- Visualize and model data from U.S. census and Houston Police Department to test criminological theories.

VolunteerHouston.org | Volunteer 2019 - 2022

- Connect with various nonprofit agencies to contribute and give back to community.
- Participate in interesting events like Juneteenth Festival, and work at a variety of places such as thrift store and community garden.