Yuling Ge

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Education

California State University, Fullerton   **Expected May 2024**
Master of Science in Computer Science   *Fullerton, CA*
Relevant Coursework: Data Structure, Algorithms, Compilers, Operating system, Software Architecture

Hohai University   **Sep 2018 - Jun 2020**
Master of Engineering in Hydraulic Engineering   *Nanjing, China*

Yangzhou University   **Sep 2014 - Jun 2018**
Bachelor of Engineering in Harbor, Waterway and Coastal Engineering   *Yangzhou, China*

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, Swift
Technologies/Frameworks/Libraries: REST APIs, Node.js, React.js, Redux, Bootstrap, Pandas
Database: MongoDB, SQL, MySQL

Projects

eCommerce Store | *React.js, Redux, AWS EC2*   **Nov 2022 - Feb 2023**
- Developed a **full-stack** website utilizing **React.js** for the front-end and **Redux** for state management.
- Utilized Webpack for bundling and deployed the application on **AWS EC2** instance.
- Optimized the application for **performance** and **scalability**, resulting in a **15%** increase in page load speed.

Introduction Website | *HTML/CSS, JavaScript, Bootstrap, React, MongoDB*   **Aug - Nov 2022**
- Designed and developed a dynamic and responsive web application to showcase my personal introduction.
- Utilized HTML, CSS, **JavaScript**, **React.js** to create a functional and engaging web application.
- Developed the back-end of a web application using **Node.js** and **Express**, utilizing **MongoDB** to create efficient and scalable database models and **APIs** that provide fast and reliable access to data.

Food map | *Swift, Xcode, API, Git*   **June 2022**
- Developed an **iOS mobile app** using **Swift** and **Xcode** to provide users with nearby restaurants.
- Utilized Core Location and MapKit frameworks to provide accurate location-based search results.
- Implemented a user-friendly interface, resulting in a polished and engaging user experience.

Titan Talks | *HTML/CSS, JavaScript, MySQL*   **Oct - Dec 2021**
- Developed a social media website, inspired by Instagram, enabling users to share photos and videos, interact with others through comments.
- Implemented **Scrum** pattern of **Agile** Development with weekly stand-up and peer review.
- Developed front-end using HTML/CSS, JavaScript, React.js, designed back-end service using MySQL.

Work Experience

California State University, Fullerton   **Mar 2022 – Present**
IT Consultant (part-time)   *Fullerton, CA*
- Resolved over **2000** technical tickets by providing comprehensive technical support to students and faculty.
- Collaborated with clients to deliver effective solutions, enhancing communication and collaboration skills.

China Three Gorges Corporation   **July 2020 – July 2021**
Engineering Financial Analyst (full-time)   *Shanghai, China*
- Analyzed Engineering projects' finances and performance indicators in collaboration with stakeholders.
- Communicated data insights through visualizations to enable data-driven decision making.