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Li Zhang

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Technical Skills

Strong: JavaScript (ES5 & ES6), React.js, Node.js, Express, Redux, jQuery, AJAX, OOP, PHP, Apache, MySQL, APIs, HTML5, CSS3, Bootstrap, Materialize, Responsive web design, Unix, Linux.

Experienced: Python, Microsoft SQL Server, Transact-SQL.

Tools: Git, GitHub, AWS (EC2, S3), NPM, Postman, Agile methodology, Scrum, Slack, Confluence, Jira, MeisterTask, Trello, Adobe Illustrator and Photoshop, GIMP.

Selected Applications

PartPig: [github](#) | [live](#)

- An E-commerce platform to facilitate the trading of used automobile parts.
- Worked both in Front-end development using **React**, and in Back-end using **PHP** and **MySQL**.
- Served as the **Database Administrator**. Utilized **SQL** for database queries and **PHP** for processing Front-end requests and returning data accordingly.
- Applied **CSS** and media queries for **UI** styling and **responsiveness**.

TrailMix: [github](#) | [live](#)

- A web application that provides detailed hiking and weather information for trails near a user-selected location in the US.
- Implemented **APIs** including Google Maps, Directions, Geolocation and Autocomplete.
- Built the application using **React** and **Redux**. Applied **CSS** for **responsiveness**.

NatureConnect: [github](#) | [live](#)

- A web version of the classic Connect Four game.
- Used a combination of **core JavaScript** and **jQuery** for game logic and functionality.
- Utilized jQuery-UI for token animation. Styled the game interface to be **responsive**.

Work Experience

Assistant Specialist, Step I & Step II - University of California, Merced 2013 – 2017

- Managed NIH-funded multi-million dollar research projects with domestic and international collaborations. Lead teams that consisted of 5+ junior researchers.
- Produced publications in scientific journals, and received promotion for outstanding performance.

Postdoctoral Researcher - University of California, San Diego 2008 – 2012

- Carried out SQL data management operations for in-house human genomic DNA sequencing results.
- Performed statistical analyses for identification and validation of genetic risk factors of eye diseases.

Education

Ph.D. in Biochemistry, Texas A&M University, College Station, TX
B.S. in Biochemistry, Sichuan University, Chengdu, China
LearningFuze Accelerated Web Development Program, Irvine, CA