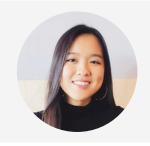# VICKI WONG

FRONT END DEVELOPER

CONTACT

☎ 214-907-8871

✉ vicki.wong85@gmail.com

📍 LA / Huntingon Beach, California

🌐 vickiwong85.github.io

SKILLS

- **Front End |** JavaScript (ES6), TypeScript, React, React Native, HTML5, CSS, Bootstrap, Material UI, GraphQL, Wordpress (PHP), Vue.js

- **Back End |** Node.js, Express, NoSQL, SQL, REST APIs, Nginx, MongoDB, MySQL, Postgres / PostgreSQL

- **Testing/Deployment |** Jest, Mocha, Chai, Amazon Web Services / AWS EC2, K6, Artillery, Loader.io

- **Developer Tools |** Vim, Git, npm, Webpack, Babel, Agile Methodology, Nodemon, TDD, GitHub, GitLab

EDUCATION

HACK REACTOR   2022

Advanced Software Engineering Certificate

SOUTHERN METHODIST UNIVERSITY   2014 - 2019

M.Ed. in Education
B.S. in Biological Sciences
3.9 GPA, Summa cum laude

TEXAS ACADEMY OF MATHEMATICS & SCIENCE   2012-2014

Dual Credit & High School Diploma
3.9 GPA

ENGINEERING EXPERIENCE

REACT NATIVE MOBILE INTERN   2/2024 - 5/2024

ACE IoT Solutions

- Successfully implemented and deployed a client redesign project aimed at optimizing user engagement, resulting in a more intuitive thermostat and device interface using **React Native and TypeScript** for **iOS** and **Android** development
- Upgraded existing software packages to latest versions, enhancing system performance, stability, and security.
- Collaborated closely with the front-end development team to convert an internal tool website to a single-page application (**SPA**) using **Vue.js** backed with **FastAPI**

FRONT END WEB DEVELOPER   2024 - Present

Freelance - Clients from Studio Lu, Accelerate Education

- Applied **JavaScript**, **MathJax**, **HTML,** and **CSS** styles using **Bootstrap** to create interactive and accessible online lessons ranging from K-12th grade for Accelerate Education
- Implemented animations, jumplinks, image carousels, and new style elements within the **Wordpress** website to enhance user experience.
- Provided ongoing support and made necessary adjustments based on client feedback to ensure satisfaction and optimal performance.

SOFTWARE ENGINEER   2022 - 2023

Dottid: Venture-backed PropTech **SaaS** Provider

- Transformed an existing client chat box into a cutting-edge **AI** messaging assistant, ushering in advanced AI capabilities to empower the business
- Restyled the web and mobile platform to boost platform visibility and optimize UI real estate by creating reusable, modular components with **React**, **React Native**, **CSS**, **Node.js**, and **Material UI**
- Enhanced front-end codebase with **TypeScript** and **GraphQL** types, reducing bugs and saving development time.
- Architected **SQL** queries and functions for company portfolio data analysis
- Improved **unit and integration testing**, and resolved bugs for improved software quality
- Awarded the **Dottid Ladies Quarter Award** in recognition of high productivity and technical excellence

SOFTWARE APPLICATIONS

- **Old School:** Accessible video and blog-sharing platform for the elderly   2022
  - Created an accessible user experience for an older target audience on a responsive app using **React**, Javascript, Bootstrap, CSS, and Styled Components
- **PokéQuiz**: Educational Student Assessment and Engagement Tool.   2022
  - Designed and built an MVP project using **React**, **PostgreSQL,** and **Material UI** in 48 hours to increase student engagement in assessments using external APIs and storing scores with PostgreSQL
- **E-commerce UI and Backend Architecture Redesign**   2022
  - Architected the front end to display product information, photos in a carousel, and related products using **React**
  - Backed the front-end service with a **microservice** architecture **RESTful API** backend deliver static site content