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| **Weng Fei Fung**  Monterey Park, CA 91755 | Phone: 323-842-7514 | Email: [weffung@ucdavis.edu](mailto:weffung@ucdavis.edu)  LinkedIn: [linkedin.com/in/weng-fung/](https://www.linkedin.com/in/weng-fung/) | GitHub: [github.com/siphon880gh](https://github.com/Siphon880gh) | Portfolio: [wengindustry.com/me/work](http://wengindustry.com/me/work) Videos: [shorturl.at/jmxQS |](https://shorturl.at/jmxQS) Testimonials: [wengindustry.com/me/testimonials](http://wengindustry.com/me/testimonials)   |  | | --- | | **Goal**  Become a tutor at Trilogy Education’s Full Stack Web Development.  **Summary**  **Full-Stack Web Developer**, MERN certified with top marks at UCLA, with a background in healthcare. Five years freelancing in jQuery and PHP as well. Enjoy making full applications from scratch and working in a team. Client testimonials available at LinkedIn or resume header.  **Personal Vision**  Programming is a passion because it allows innovation and problem solving at the same time. It gives us a chance not only to make ideas into reality but be in the frontiers of new applications. With an ICU background, I saw a need for hospitals to have charting software made by healthcare professionals, and in the future I’d like to combine healthcare with development.  **Technical Skills**  - Basic Languages: Javascript ES6+, CSS3, SASS, HTML5  - Full-Stack: Apollo, NPM Scripts, Dev/Productive Environment, Folder organizations client/server  - Backend: Restful API (Express or PHP), GraphQL, MySQL, MongoDB with Mongoose  - Frontend: React, Handlebars, Responsive Design, PWA, Service Workers, React Router  - Frontend jQuery: jQuery, Crossroads, Signals Routing, Knockout JS, Handlebars - CMS Development: BigCommerce, Shopify, WordPress plugin development and shortcodes  - Agile vs Full Development: React or jQuery depending on time constraints and requirements.  - Deployment: Github, Heroku, GoDaddy, Env variables and secrets - Tools: npm, git, create-react-app; Asana, Trello, Basecamp. |  |  | | --- | | **Projects**  **NoFT (4/8/21)**  - Summary: Social media for blockchain NFT samples with links to NFT sales pages.  - Background: NFTs is a new blockchain technology that caps digital art pieces to a limited quantity. NFT ownership can be exchanged with purchase transactions. The app is a samples sharing/favoriting/commenting page with links to the NFT market.  - Role: Contributor. Added Google Cloud Server upload. Added download capability. Styled with CSS, React Bootstrap, and Bootstrap classes, Added JSONWebToken and Google Cloud authentication. Implemented React components with Apollo library that connects to GraphQL and MongoDB.  - Technologies: Google Cloud Server, MongoDB, Mongoose, Apollo GraphQL, React, Node  - Github: <https://github.com/Siphon880gh/reprint/> | Deployed: <https://reprint-media.herokuapp.com/>  **Google Book Search (3/20/21)**  - Summary: Search and save books and view some film adaptations.  - Role: Updated Express routes to the newest Apollo and GraphQL technologies. The Apollo library connected React components to the GraphQL backend and allowed for fewer requests to be made to the backend for the same information back to the app. This improved the app’s performance.  - Technologies: MongoDB, Mongoose, Apollo GraphQL, Express JS (initially), React, Node  - Github: <https://github.com/Siphon880gh/book-search> | Deployed: <https://book-search-wff.herokuapp.com/>  **Covid Tracker (3/14/20)**  - Summary: Displays how Covid is growing in the Los Angeles area by showing hospitalization and growth rates in graph and chart formats.  - Sole author conceptualizing the app and developing it from scratch. Scrapes data sources including the John Hopkins Covid-19 API with different technologies based on technical scraping needs.  - Technologies: Node, PHP, jQuery, Chart JS  - Deployed only: <https://wengindustry.com/tools/covid19/>  **Experience**  **Registered Nurse (Health related)** Garfield Medical Center,  September 2016 – Present (4 years 8 months) Monterey Park, California   * Problem-solved in life saving conditions in ICU * Time managed to deliver care to patients. * Collaborated with multiple disciplines on the big picture of the patient’s care. |  |  | | --- | | **Full-Stack Web and API Developer**  ExRx.net Exercise Prescription  July 2016 - Present (4 years 10 months)  Olathe, Kansas (Remote)   * **Credited at**: <https://www.exrx.net/People/Staff> * Given a business need to update their exercise information website to a more database and API rich application so that the exercises are easier to manage and that they can venture into selling API access to other companies * Developed an internal tool to transfer his exercise webpage information into a SQL database * Engineered an exercise information API with different payment plans using Fusio for other exercise companies * Orientated interns and new developers to the internal tool and the API system * Achievement: ExRx continues to generate net profit on the API subscription service * Achievement: Transitioned to a consultant and profit-sharing position   **Frontend Developer, WordPress Developer**  A Right Place for Seniors International, LLC Web  July 2017 - August 2017 (2 months)  Chino Hills, California (Remote and in-person)   * Given two business needs: to make their careers website more dynamic and to start a centralized website for managing recruiters * Developed a search engine with autocomplete suggestions using JS, jQuery, and typeahead * Styled autocomplete suggestions dropdown with CSS so the dropdown appears under the search bar * Designed and developed a contact form * Converted contact form into a PHP Wordpress plugin and shortcode so that their future web designer can move the contact form * Created admin panel with a login system for different user roles and for updating job recruiters’ locations and zip codes, and added instructions for future developers on how to add features.   **CGI Backend and Livestream Developer**  Vibee.tv  July 2016 - August 2016 (2 months)  Italy (remote)   * **Credited at:**: <https://www.vibee.tv/vibeetv-team/> * Faced with challenge of adding live custom messages and animations to a music video website so that a DJ can customize the experience live * Designed and developed virtual green screen area that lets the DJ add slide in’s such as announcements or override the song name and other information in lower-third overlays * Incorporated jQuery animations against the virtual green screen. * Incorporated Xsplit software that mixes its music video output with the virtual green screen on an internal webpage before delivering the content to the clients’ music video player. * Added offline capabilities by falling back to the last 24 hour's recording if the live server fails by polling the Xsplit status. * Tested live music videos by switching/adding/removing adaptive bitrate streams in WMSPanel. * Created chat featured in PHP and jQuery per client’s technical criteria.   **Web Developer and WordPress Developer**  People's Care, Inc  January 2016 - March 2016 (3 months)  Chino Hills, California (Remote and in-person)   * Collaborated with HR department on their website and internal tools with changing business needs when their HR director changed * Integrated Google Maps API into the job search that dropped pins with information popups. * Created full stack internal use apps to manage job requisitions, applicants, and recruiters by uploading Excel spreadsheets that sync to a SQL database, with full validation and instant feedback. * Deconstructed the Excel spreadsheets into online forms that work with the Jazz HR API after the new HR director wanted to update the recruiters’ operations from Excel spreadsheet to a more standardized form   **Web and Android Developer**  Mixotype  January 2015 - June 2017 (2 years 6 months)  Philadelphia, Pennsylvania (remote)   * **Credited at:** <https://web.archive.org/web/20170914163201/http:/www.mixotype.com:80/#team> * Joined startup with changing business needs and agile methodology * Worked under many short deadlines for startup pitches and competitions * Developed social network frontend based on wireframes * Conceptualized and developed full Rest API for the social media backend * Engineered algorithms to calculate a similarity percent between two social media users and whether they are a good match. * Learned Android development and created an Android app version of the social media * Followed agile methodology, quickly redesigning the app based on user suggestions and new designs from the creative team |   **Education**  **Certificated MERN Full Stack Web Developer (4/2021)**  UCLA+Trilogy Bootcamp, Los Angeles, CA 90095 Technologies: Mongoose/Mongo, Express, React, Node, GraphQL, Handlebars   * Obtained top marks. * Worked in groups with Github Project and with pull requests. * Other technologies used were Redux, IndexedDB, PWA, webpack, GitHub Pages, and Heroku.   **Certificated CSS (10/2017)**  W3Schools, w3schools.com   * Passed assessment of CSS3 skills, knowledge and aptitude.   **Other Education (Health related)**  **Los Angeles County College of Nursing and Allied Health**  Associate of Science (A.S.), Registered Nursing/Registered Nurse · (2012 - 2014) **University of California, Davis** Bachelor’s Degree, Cell/Cellular and Molecular Biology · (2006 - 2010) |