

Ching Wing(Nora) Lau

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Driven Software Engineer who is looking to expand my Application Development expertise in an environment where I can be challenged and grow as a leader. Passionate and looking forward to providing mentorship to those who want to expand their careers within the technology field.

Technologies and Languages

- Languages/ Frameworks: **Javascript, React.js, React-Redux.js, React Native, Java**, Python, C++, JQuery, Ajax, Node.js, Express.js, HTML, CSS, BootStrap, SQL, Perl, SML
- Technologies: Sequelize ORM, Postgres, AWS, Git, Unix, Linux, Tableau
- Other: Data Analytics, Spoken: Chinese (Mandarin, Cantonese, Fuzhounese)

Projects

Full-Stack C.R.U.D. Application([Client](#) / [Server](#)) | NYC Tech Talent Pipeline | *Jun. 2020*

- Collaborated with a team of four to build an e-commerce full stack web application that allows users to checkout products through Stripe API and used PostgreSQL for persistent data storage and flexible data model.
- Engineered and maintained logical data flow of the Back-End server application, using Sequelize ORM with Node.js and Express.js, and Front-End client application, using React.js, to ensure a holistic user experience.
- Enhanced User Interface by making the application accessible for users with color vision deficiency.

SolveWayNYC | WITNY Summer Guild at Cornell Tech | *Jun. 2018*

- Led a team of five to build a minimum viable product model for a User-centered Application, using HTML, Javascript and CSS, that promotes user satisfaction by providing subway real time arrival.
- Conducted intercept testing and accumulated qualitative data to create interactive prototypes and wireframe to be used to optimize user experience and user interface design.
- Identified opportunities for improvement and upgraded features of application to improve functionality by 13%.

Professional Experience

Bilingual Interpreter | aLanguageBank | *Apr. 2021 - Present*

- Serve as an interpreter for non-english speaking patients to facilitate communication at Covid-19 vaccination sites.
- Maintain patient flow by prioritizing treatment and care according to patients' needs.
- Ensure patients understand details of medical procedures and risks by translating in 3 common Chinese dialects.

Front-End Software Development Intern | Commit to Green | *Jun. 2020 - Aug. 2020*

- Constructed a [web-based application](#) to help users identify over 400 composting and recycling drop off sites in N.Y.C .
- Centralized datasets from various APIs and integrated with Google Maps API to enhance user accessibility.
- Translated design wireframes into web components to maintain an intuitive structured front-end application using React-Redux.js.

Software Engineer Intern | J.P. Morgan Chase | *Apr. 2020*

- Activated automatic updates of client-side React.js applications and manipulated data feeds visually, using typescript, to present analysis that suggest, to users, when trading for a stock should occur.
- Debugged J.P.Morgan Perspective Data visualization software to ensure accurate data values that assist users to better identify potential trading opportunities.
- Implemented unit test in existing web applications to help design better robust/ maintainable/ reusable code.

Education

Bachelor of Science, Computer Science & Information Security

Sept. 2020

John Jay College of Criminal Justice, CUNY

Interests

- I enjoy spending time with my loved ones to draw and paint, because, not only is the process extremely therapeutics, arts allow me to explore and develop stronger creative thinking skills.