Nancy Kwan

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TECHNICAL SKILLS

Proficient: JavaScript(ES6), React/Redux, Express, Node.js, PostgreSQL, Sequelize, HTML5, CSS3, Git, AJAX, JSON, XML
Knowledgeable: Progressive Web App (PWA), SQL, Jasmine, Mocha, Chai, Plaid, Google Vision API
Familiar: Webpack, Babel, Heroku, Passport, OAuth, Stripe, Toast, WordPress

PROJECT EXPERIENCE

Kwantify | [Deployed] **|** *Personalized cross-platform budget tracker*   (Dec 2020 — Jan 2021)
- Implemented Google Cloud Vision API & photo-parsing algorithm to scan receipts, improving UX for cash transactions
- Composed modular components to capitalize on tree reconciliation, and reduce load times for optimal performance
- Leveraged Redux's observer pattern to design scalable, streamlined state management to ensure data immutability, eliminating prop drilling within nested components, and enabling smoother downstream debugging process
- **Technologies:** Plaid, Google Cloud Vision, PWA, Nivo, Node.js, React, Redux, Sequelize, Express, PostgreSQL

Hoppy Endings | [Deployed] **|** *User-friendly e-commerce site for selling beer*   (Nov 2020 — Nov 2020)
- Built Node.js server to create flexible RESTful API with nonblocking, asynchronous middleware to statelessly route data to/from relational database minimizing storage space consumed to return predictable, speedy results
- Designed front-end components to display store's inventory and persistent cart features (allowing users to revisit and pick up where they left off) and cart functionalities (allowing users to add, edit, and checkout items)
- **Technologies:** Node.js, React, Redux, Sequelize, Express, PostgreSQL, Bootstrap, Google OAuth, Heroku, Stripe

PUBLICATIONS

Using Google Cloud Vision API with Node.js | [Published] **|** Medium Author   (Dec 2020)
Step-by-step tutorial on authentication and how to use Google Cloud Vision API with Node.js to build a simple app.
- Technologies: Google Cloud Vision API, Node.js, Express

PROFESSIONAL EXPERIENCE

Codebar | Volunteer Coach   (Jan 2021 — present)
- Provide mentorship for personal projects and conduct introductory lessons in HTML, CSS, JavaScript and React

Garage Holdings Limited | Community Manager   (May 2018 — Sept 2018)
- Orchestrated weekly events and ensured teams have been trained thoroughly during on-boarding processes and have the tools necessary to succeed in their respective roles
- Redesigned company website and worked alongside developers to build membership platform
- Performed A/B tests for client email campaigns while automating SEO-optimized blog posts from PHP and SQL based content management systems

PricewaterhouseCoopers (PwC) | Assurance Associate   (Dec 2016 — Mar 2018)
- Implemented a content management system to increase security allowing clients to store private information and provide necessary documents
- Combine and implemented relational database (SQL backend with GUI client) and Excel to assess clients' financial processes and regulatory risks across its enterprise and divisions
- Developed and modified VBA and utilized Excel pivots in order to analyze the firm's transactions and deals to assess financial profitability and risk

EDUCATION

Fullstack Academy   **Graduation date:** Dec 2020
Software Engineering Immersive Program

Binghamton University, SUNY, Harpur School of Arts and Sciences   **Graduation date:** May 2016
Bachelor of Arts in Economics   **GPA:** 3.64/4.00

London School of Economics
Summer Studies in Financial Accounting   **Completion date:** Aug 2013

INTERESTS

Community Service: Bit by Bit Coding, Court Appointed Special Advocates (CASA) of NYC, Economic Club of Hong Kong
Hobbies/Misc: hiking (aspiring ADK46er), perfecting the two-ingredient banana pancakes, tea house hopping, single-origin coffee snobbery, insight meditation, pretending to be a NatGeo photographer, Notion templates