Nicholas Wang

Software Engineer | San Francisco, California | (626) 560-4852

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Technical Skills

Strong: JavaScript (ES6), HTML, Angular, React, Express, Node, MongoDB, Git, Mongoose, MySQL
Experienced: CSS, SASS, jQuery, Webpack, Grunt, DigitalOcean, MobX, Bookshelf, Sequelize, Flexbox

Software Engineering Projects

Vinisa *Product Owner, Software Engineer*
Language learning application centered around user generated/crowdsourced content
- Architected infrastructure with MobX to keep parameters passed to APIs consistent between components
- Utilized Google APIs to implement image recognition and label translation for an interactive experience
- Integrated SSL into existing domain name to encrypt user information and vastly improve security
- Designed UI to include textual feedback and loading indicators to provide an intuitive user experience

PlanThis *Software Engineer*
Event planning application for groups to organize get-togethers
- Refactored an inherited codebase with Webpack to allow seamless implementation of new features
- Constructed new components for a previously sparse page using React for a more informative details page
- Overhauled mySQL database to enable support of different categories of users and user-associated events

TubeNotes *Software Engineer*
YouTube note taking application for organizing thoughts on a long video
- Designed schemas and database using mySQL and Sequelize for simplicity of table creation and data queries
- Assembled back-end using Node/Express for streamlining multiple API calls with to non-blocking I/O
- Integrated YouTube iFrame API to fetch video data otherwise not accessible with normal YouTube APIs

Pseudonym *Software Engineer*
Random name and album cover generator
- Created a single page application with Angular for its prototyping advantages to fit heavy time constraints
- Connected front-end application to a Mongo database for ease of querying non-relational data

Professional Experience

Han Realty *Marketing Consultant/Transactions Coordinator*
2010-2015
- Proposed marketing ideas that led to a 50% increase in customer traffic
- Oversaw sales of multimillion dollar houses and commercial buildings

Education

Hack Reactor *Advanced Software Engineering Immersive Program*
2017
University of California, San Diego *BS in Biology, Minor in Computer Science*
- Relevant coursework: Advanced Data Structures, Algorithms/Systems Analysis, Discrete Mathematics, Computer Organization and Systems Programming
2016

Personal

I was born in Taiwan and it remains my favorite country to visit, the food there is unbeatable. I feel restless when I haven't played tennis for too long.