QUY NGUYEN

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Education

BS Software Engineering (GPA 3.7/4.0)   **Graduation May 2019**
San Jose State University, San Jose, CA
Relevant courses: Computer Networking, Data Structures and Algorithms, Operating System, Object Oriented Design, Software Design and Testing

Technical Skills

- **Languages**: Java, JavaScript, HTML/CSS, PHP, ReactJS, Redux, NodeJS, REST API
- **Frameworks and Tools**: Ansible, Kafka, Redux, Next.js, Git/GitHub, Firebase, Babel, Webpack, Visual Studio, Eclipse, Agile, Scrum, HTTP/2, Xcode, Sketch, Flinto, Adobe XD, OneLogin, single sign-on, OAuth2

- **Testing**: Unit Test (Mockito), Black Box Testing, White Box Testing, GUI Testing, Functional Testing, Grey Box Testing, Integration Testing, TDD (Jest and Enzyme)
- **Other:** Willing to learn, Self-motivated, Self-directed, Teamwork, Analytical and Problem Solving, UX/UI design, performance optimize

Projects

San Jose State University   **San Jose, California**

Housing Listing Website With 3d Advanced Features
- Designed UI with JavaScript (React, Redux), HTML5/CSS3, and Bootstrap
- Contributed to the improvement and optimization the performance website
- Implemented actions, reducers to store data from redux-form to redux-store
- Applied Test-driven development (TDD) with modern unit testing frameworks

OneLogin Enterprise Project
- Deployed Windows Server 2016 Active Directory to manage users, groups, and policies
- Created mappings to automate synchronize data between server and OneLogin.
- Built a webpage with single sign-on features (G-Suite, Hackerank, and Box).
- Developed multi-factor authentication which verifies with mobile devices.

Fancy Todo List
- Designed fancy user interface with SASS framework
- Used JavaScript to manipulate DOMs and their styles
- Setup Local Storage on client browser to store data todo list

Video and Images Lookup
- Used Unsplash API, YouTube API to fetch and search images and videos by key words
- Designed modern UI search bar with CSS3, Bootstrap 4, and ReactJS
- Developed modular components with Webpack, Redux, EcmaScript6 and CSS Modules

OnlineVirusChecking
- Used PHP to access MySQL database tables and validated input from users.
- Modify headers and page redirection

Build Bank Account (Java Application)
- Designed application based on Object-Oriented Design.
- Applied data structure and algorithms to develop functions.
- Applied Junit to test function and logic.
- Provided documentations for the project which included test cases, test plan, UML diagrams, mockup, and deliverables.