

LinkedIn: [linkedin.com/in/lylynguyen](https://www.linkedin.com/in/lylynguyen)

GitHub: github.com/lylynguyen

Portfolio: lyly.io

>TECHNICAL SKILLS

- **Proficient:** JavaScript, ReactJS, React-Native, Redux, Alexa Skills Kit, Angular 2, TypeScript, Flow, jQuery, Node.js, Node-RED, Hapi.js, Webpack, Gulp, MongoDB, AWS (API Gateway, Lambda, S3, SES, Serverless), HTML5, CSS3, Socket.IO, TDD, Sketch, Jasmine, Mocha, Jest.
- **Exposure:** Karma, AWS (DynamoDB), SQL, MySQL, D3, Jenkins, Docker.

>PROFESSIONAL EXPERIENCE

Adobe, Sensei Intelligent Agents | Frontend Engineer | San Francisco, CA Jun 2018 – Present

- **Project:** Assistant Panel **Domain:** Illustrator Extension
 - Programmed and released a CEP Panel Extension with ReactJS and Redux which surfaces personalized suggestions through machine learning analytics.
- **Project:** Next Action Predictions **Domain:** Photoshop Extension
 - Built custom frontend to display the most likely next actions driven by machine learning predictive analytics with HTML, CSS, and JavaScript.
- **Project:** CEP Reference Applications **Domain:** Photoshop and Illustrator Extensions
 - Engineered reference applications with ReactJS, Redux, Socket.io, and Node.js to increase teams development speed.

Accenture, Liquid Studio | Senior Software Engineer | Redwood City, CA Jun 2016 – May 2018

- **Project:** Social Media & Networking Company **Domain:** Web Application
 - Developed an internal data visualization platform that analyzes hardware performance with ReactJS and Redux to optimize hardware purchase
 - Collaborated with PHP backend and data science team to develop precise highcharts and D3 visualizations for client.
- **Project:** German Manufacturing Company **Domain:** Mobile Application
 - Utilized React-Native & Redux to develop a mobile application for an air quality management portal.
 - Tested and deployed weekly iOS and Android builds working closely with Xcode and Android Studio.
- **Project:** Technology and Sports Client **Domain:** Serverless Web Application
 - Worked with a team of 5 software engineers in developing production ready backend server in 12 days for SuperBowl Ad Campaign.
 - Incorporated Serverless Framework and microservices-based architecture to help multinational client launch in time for release.
- **Project:** European Airline Client **Domain:** NLP (Natural Language Processing)
 - Created a voice driven Amazon Alexa Skill for travelers that allows users to confirm flights, check flight status, search and book available flights, get specific airport details, and calculate travel time.
 - Adhering to a microservice architecture, designed an interactive platform utilizing Node.js and IBM's open source visualization tool, Node-Red.

>RECENT PROJECTS

Software Engineer | Obie

2016

Service for tenants and landlords to manage maintenance requests and household finances in a web/mobile platform.

- Engineered a responsive single page design and UI routing using ReactJS and React-Native to modularize the front-end views, maintain a DRY codebase, and greatly increase render times of page updates.
- Architected MySQL database schema, writing custom SQL to create tables and establish relationships among tenants, landlords, chores, finances, and requests, using inner joins for efficient mapping of data.

>EDUCATION

Hack Reactor, San Francisco, CA, Advance Software Engineering Immersive Program

2016

Golden Gate University, M.B.A., Management, Honors

2010

University of California, Santa Cruz, B.A., Business Management Economics

2006