

# Kin Tat Lay

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## SKILLS

<b>Front-End</b>	JavaScript ES6+, React.js, HTML, CSS, SCSS, Styled-Components, jQuery, Webpack, Redux
<b>Back-End</b>	Node.js, Express, MySQL, MongoDB, PostgreSQL, Firebase, Amazon Web Services EC2 + S3, Docker, Eginx, Loader.io, K6, New Relic
<b>Other</b>	Python (NumPy, Pandas, Matplotlib, API), Java, Git, Mocha/Chai, Jest/Enzyme, Vim, UNIX, Tableau, Adobe Photoshop, Figma, Trello, Microsoft Suite, VBA, SAP, SharePoint

## PROJECTS

### TrSwag

*A travel directory web app that helps travelers simplify their traveling experience* – React.js, React Router, Bootstrap, Firebase

- Deployed Firebase database to store users' messages and implemented React router for navigation.

### Kin's Portfolio

*My portfolio website that details my tech stack knowledge and project experience* – React.js, SCSS, Firebase

- Deployed application on Firebase at domain [www.kintatlay.com](http://www.kintatlay.com) with maintainable and reusable codes using SCSS.

### SoundClone

*A Front-End Music Streaming Service Project* – React.js, Styled-Component, MySQL, Node.js, Express, Jest/Enzyme, AWS EC2 + S3

- Designed the UI frameworks of the comments, likes, and modal features using React and Styled-Component
- Implemented MySQL, Node.js, and AWS EC2 + S3 to host backend database and created unit tests using Enzyme and Jest.
- Optimized page speed score from 31 to 90 through webpack production configuration to reduce bundle size.

### Real Estate Investment Analysis

*Data mining project on California Real Estate Market* – Python, HTML, CSS, Tableau, Jupyter Notebook

- Built a web scraper using Python and Jupyter Notebook to collect real estate sales data from Zillow and rental data from Apartments.com and exported to CSV for analysis purposes.
- Utilized Tableau with the collected quantitative data to create data dashboards that shows a list of best California cities for rent-to-price ratio to drive strategic decision making and displayed result in web application.

## WORK EXPERIENCE

### United States Navy Reserve

Great Lakes, IL

*Electronics Technician*

05/2021 – Present

- Maintain and repair electronics equipment such as radar, communication, and navigation equipment using visual inspection, testing devices, computer software, and schematics.

### Pacific Gas and Electric Company

San Francisco, CA

*External Reporting Associate*

05/2018 – 05/2019

- Facilitated in the development of Form 10-Q and 10-K filings, business case review, and financial forecasting and analysis.

### Pacific Gas and Electric Company

San Francisco, CA

*Controller's Organization Rotational Program, Accounting Associate*

08/2016 – 05/2018

- Simplified JEs prepare and review processes for cash receipts journal entry 2 hours a week by utilizing SharePoint documents sharing functionality with business partners and Excel dual windows.
- Reduced data errors in PowerPlan software by creating Excel checklist with VBA and conditional drop-down menus for gas transmission business partners to assist them to input accurate settlement rules data.

## EDUCATION

**Arizona State University** | *Master in Computer Science*

GPA: 4.00 | 01/2021 – Present (expected 12/2022)

**Hack Reactor** | *Advanced Full-Stack Software Engineering Immersive Program*

San Francisco, CA | 12/2019 – 03/2020

**California State University, Fullerton** | *Master of Science in Accountancy*

GPA: 3.91 | 08/2013 – 05/2016