

# Kin Tat Lay

San Leandro CA | (559) 313-4060 | kin.tat.lay@gmail.com | github.com/kintatlay | linkedin.com/in/kin-tat-lay

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## SKILLS

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

## PROJECTS

### Kin's Portfolio

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

- Created a portfolio website using SCSS with maintainable and reusable codes.
- Deployed application on Firebase with custom domain name.

### 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 to enhance users' experience with a fast and scalable application that contained reusable code.
- 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

### Pacific Gas and Electric Company

San Francisco, CA

*External Reporting Analyst & Controller's Organization Rotational Program*

08/2016 – 05/2019

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

### Southern California Edison

Rosemead, CA

*Finance – Controller Intern*

06/2015 – 05/2016

- Fostered co-workers' knowledge by creating a presentation on Financial Accounting Standards No. 71.
- Improved the on-time payment from ~95% to >99% vendors by ensuring the Settlement team provides invoices in a timely manner.

### Shenouda & Associates, Staff Accountant

Irvine, CA | 11/2014 – 05/2015

## EDUCATION

**Chabot College** | *Associate of Science in Computer Science*

GPA: 4.0 | 01/2017 – Present

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

San Francisco, CA | 03/2020

**UC Berkeley Extension** | *Data Analytics Bootcamp*

San Francisco, CA | 08/2018

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

GPA: 3.91 | 05/2016