

# JOAQUIN GUITART

(267) 892-7944

Sacramento, CA

[jaguitart@uc.cl](mailto:jaguitart@uc.cl)

[PORTFOLIO](#)

[GITHUB](#)

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## SKILLS

React - Redux - JavaScript - Node.js - Python - SQL - SQLAlchemy - Sequelize - Docker - Pug - Jinja - HTML - CSS

## PROJECTS

**ZOOMIES** (JavaScript, Python, React, Redux, Docker, Heroku, PostgreSQL, SQLAlchemy)

[live](#) | [github](#)

*Zoomies is an online, searchable database connecting adoptable animals with caring homes.*

- Designed logic of two user types, Organizations, and Regular Users, with different authorization levels using the same UI for different purposes.
- Created custom modal framework using React reusable component architecture allowing for efficient development of forms along with the application, such as login, sign up, add a new post and edit a post.
- Implemented ORM to build a complete database allowing for better control of the inputs that the users provide and making the code easier to update, maintain, and reuse.
- Developed a custom photo carousel using CSS3 and React to cycle through a series of pictures improving the UX.

**PRO.GRAM** (JavaScript, Python, ReactJS, AWS)

[live](#) | [github](#)

*Pro.Gram is an Instagram Clone where users can share favorite pictures, follow friends and like pictures.*

- Utilized React to create modals for posts to allow users to move along the application dynamically and intuitively.
- Connected React frontend to AWS S3 for user image file upload/deletion, minimizing server load and enhancing scalability.
- Configured a follow button allowing users to see the pictures posted from accounts they follow on their main pages using a many-to-many relationship to allow users to be followers or to be followed.

**NIDO** (JavaScript, ReactJS, Sequelize, Express, Heroku, CSS, HTML)

[live](#) | [github](#)

*Nido is a Flickr clone designed for bird enthusiasts to learn about and share pictures of South American birds.*

- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management.
- Recorded user activity with React Router to create a seamless experience during authentication process and app navigation.

## EXPERIENCE

**Project Management and Consultant** | *Freelance*

Apr 2020 - Dec 2020

- Standardized the design and format of quote sheets for the client, utilizing Photoshop, AutoCAD, and Adobe Pro DC to execute over 20 unique projects.
- Optimized production process for hand-sanitizer dispensers for a company that quickly pivoted to manufacturing and distributing hand-sanitizer dispensers during the early stages of the Covid-19 pandemic, changing and overlapping some of the production processes, in addition to changing the lid design with the supplier, leading to a faster assembly system.

**Online Sales Assistant**

*Ally Fashion*

Sept 2019 - Mar 2020

- Performed a 6-month sabbatical to improve English through immersive, hands-on work experience in Sydney, Australia.
- Designed new tagging system for implementation across the warehouse resulting in increased organization and efficiencies.

**Real Estate Project Manager and Construction Superintendent**

*Construction Company Moller & Perez-Cotapos S.A.*

Nov 2013 - Jul 2019

- Oversaw financial management of \$90 Million in projects budget and reported committed costs and cash flow to key stakeholders including banks and the board of directors.
- Managed 12 multi-family residential high-rise construction projects, including 5 projects from beginning to end, involving early-stage planning, scheduling, permitting, management of field and office teams, 10+ subcontractors per project.
- Monitored quality control and tracked project milestones for a \$16M residential construction project.

## EDUCATION

**Web Development** - *App Academy*

Jul 2021 - Feb 2022

**Project Preparation and Evaluation, Certificate** - *Universidad de Chile*

2016 - 2017

**Title of Civil Construction, BS in Construction Engineering** - *Pontificia Universidad Católica de Chile*

2008 - 2013