

TECHNOLOGIES

Proficient: JavaScript, React, React-Redux, Node.js, Express.js, Sequelize, Git, PostgreSQL, MySQL, Sails.js, REST-full API, CSS, MVC.

Knowledgeable: Agile development, , Mocha, Chai, Jasmine, TensorFlow, Python, Firebase NoSQL, Azure, Office365, MVVM.

Familiar: Webpack, Babel, Heroku, Enzyme, Tableau, ChartJS.

PROJECTS

Simec Rental (Lunched in Chile and Peru), a web application system to manage rental formwork, and shoring equipment for construction companies. (RESTful API). The user can manage each project, sale, contract, inventory, lease, delivery and return. Technologies Used: NodeJS, Sails.js, React.JS, SQL, MySQL, Materialize CSS, AWS, MVC Architecture.

Simec Purchase (in Beta), a web application system to manage B2B purchasing and control inventory. (RESTful API). Technologies Used: NodeJS, React – Redux, Sequelize, MySQL, Materialize CSS, AWS, MVC Architecture.

Be-Yoncé (in Beta), an interactive game, using machine learning for real-time pose estimation, the user can choose a filter, take photos and select music.

Technologies Used: Node.js, Express, Sequelize, PostgreSQL, React-Redux, TensorFlow, PoseNet, Html2Canvas, Html5, Material UI.

Vision (in Beta), an image recognition web application, using machine learning data prediction to save information and get statistic.

Technologies Used: Node.js, Express, Sequelize, PostgreSQL, React-Redux, TensorFlow, Coco-SSD, Materialize CSS.

PROFESSIONAL EXPERIENCE

Chagual Technologies – New York, NY

Entrepreneur, Product Manager and Software Developer (Remote to Chile)

Feb 2016 – present

- ◆ Development of two custom applications to handle purchasing processes and equipment rental.
- ◆ Modernized internet presence building company website for Chile and Peru branches (Html5 + CSS).
- ◆ Digital transformation specialist, business process modeling, and migrated on-prem infrastructure to cloud-based technologies using office 365 and azure.
- ◆ ROI 180% in 6 months by reprocessing reductions, correcting invoice mistakes, and improving communications.
- ◆ Technologies: Sails.js, Node.js, React-Redux, Sequelize, MySQL, Bootstrap, CSS, Materialize CSS. Git, AWS, Office 365, Azure. Development pattern: MVC

Anglo American – Santiago, Chile

Global Sourcing Analyst – Supply Chain

May 2012

Intelligence Market Analyst – Supply Chain

Jan 2013

Contract Optimization Specialist – Supply Chain

Jan 2013 – Apr 2015

- ◆ \$20.5 M/year in savings, by implemented Rapid Sourcing methodology, negotiated prices and commercial terms with 150 suppliers - 300 contracts in diverse categories. Reported and documented the savings using the company's procedures.
- ◆ 15%-20% benefits in negotiated contracts by carried out contract optimization, worked directly with stakeholders.
- ◆ Recognition: Nominated for “Applause Award” for the success of “Rapid Sourcing” initiative.

MovixLA – Santiago, Chile

Product Analyst Marketing

Sep 2011 – May 2012

- ◆ Designed, developed and launched in Ecuador a new product based on Interactive Voice Response “Dedicatorias”, now implemented in the whole region for 60% ROI. Worked with a multidisciplinary team (Sales, IT, Finances).
- ◆ Track the marketing campaigns in order to guarantee fulfillment (SMS, S@T, Radio, TV, Web). Using Tableau, Excel, and Postgres.

Other Positions

- ◆ **BGlobal** – *Strategic Sourcing Engineer Supply Chain.* Aug 2010
- ◆ **IMS Health** (now IQVIA) – *Production Data Team Lead.* Jun 2007
- ◆ **Tyack** - *Design, and Development Coordinator.* Dec 2005

EDUCATION

- ◆ **Grace Hopper Program at Fullstack Academy of Code**, New York, NY Jan 2019 - May 2019
- ◆ **Strategy and Quality Management Certification** – Desarrollo University, Chile Dec 2008
- ◆ **Engineering and Applied Science Certificate** – Laureate Education INC, Chile 2001 – 2006
- ◆ **Bachelor of Science – Industrial Engineering** – Las Americas University, Chile 2001 – 2006