Macarena Carreno

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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

♦ **Elevate** (1st place Winner Hackathon): A Web App to address gender equality through reverse mentoring.
Technologies Used: Node.js, Express, Sequelize, PostgreSQL, Google OAuth, Node Mailer, React-Redux, Bulma CSS

♦ **Simec Rental** (Launched in Chile and Peru): Web application system to manage rental Formwork (molds for construction) and shoring equipment for construction companies (RESTful API). The user can manage sales, contracts, inventory, deliveries, and returns
Technologies Used: MVC Architecture, NodeJS, Sails.Js, React.JS, RDBMS using MySQL, Materialize CSS, AWS infrastructure (EC2, VPC, Route 53, S3)

♦ **Simec Purchase** (in Beta): 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): Interactive game that uses machine learning for real-time pose estimation. 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): Image recognition web application that uses ML data prediction to save information and get statistics
Technologies Used: Node.js, Express, Sequelize, PostgreSQL, React-Redux, TensorFlow, Coco-SSD, Materialize CSS

PROFESSIONAL EXPERIENCE

Datadog – New York, NY   Mar 2020 – present
Solutions Engineer
♦ Respond to client requests on our fast paced team while continuing to educate our clients on the use of the platform
♦ Reproduce issues and dive into the 400+ integrations that Datadog works with
♦ Build out documentation and knowledge based articles for a variety of technology

Chagual Technologies – New York, NY
Entrepreneur, Product Manager, and Software Developer (Remote to Chile)   Feb 2016 – present
♦ Developed two custom applications to handle purchasing processes and equipment rental
♦ Modernized internet presence by building company website for Chile and Peru branches (Html5 + CSS)
♦ Drove digital transformation, business process modeling, and migration of on-premise infrastructure to cloud-based technologies using office 365 and azure
♦ Generated 180% ROI in 6 months by reducing rework, correcting invoice mistakes, and improving communications
♦ Technologies: Sails.js, Node.js, React-Redux, Sequelize, MySQL, Python, 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*
♦ Generated $20.5 M/year in savings by implementing Rapid Sourcing methodology and negotiating prices and commercial terms with 150 suppliers; reported and documented the savings using the company's procedures
♦ Nominated for "Applause Award" for the success of "Rapid Sourcing" initiative

Other Positions
♦ **MovixLA -** *Product Analyst Marketing*   *Sep 2011*
♦ **BGlobal –** *Strategic Sourcing Engineer, Supply Chain*   *Aug 2010*
♦ **IMS Health** (now IQVIA) – *Production Data Team Lead*   *Jun 2007*

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