

Cristobal Gomez

<https://cristobal.io/>

me@cristobal.io

+1 (646) 233-3600

Software Development Experience

Linear Air <http://www.linearair.com/airports/> (2016 / 11 - present)

- Architected and developed a React/Redux Universal/Isomorphic app as a solo developer. Used bleeding edge technologies and created more than 700 tests (80% coverage).
- SEO implementation on long tail search terms that improved ranking from 2nd page to 3rd position.
- Introduced best practices, such as git workflow, testing and quality documentation.

<http://aviation.cristobal.io> (WIP - unreleased) <http://cristobal.io/projects/> (2015 - present)

- Open Sourced a web application and its libraries for exploring airports, airlines and destinations.
- Developed from scratch a custom web crawler to collect the data from Wikipedia. Normalized and cleaned up data and migrated it to PostgreSQL in order to perform Geospatial queries.
- Created a REST API server to expose the data to a React web application.
- Technical challenges:
 - Architecting a pluggable scraper that understands multiple Wikipedia pages and table layouts using jQuery and a headless browser.
 - Handcrafted and optimized GeoSpatial PostgreSQL queries. And created migration scripts to keep the database in sync with the data provided by the scraper.
 - TDD. Fully unit and functional tested using Mocha BDD. 97% coverage.
 - Setup Code linting and continuous integration from scratch using Make, Gulp and Grunt.
 - Wrote standalone CLI scripts to interact with the scraper.
 - Currently creating the front-end of the application using React, Redux and Leaflet. This app is written in ES6 (Babel) and it's dependencies are being deployed to AWS EC2 using Docker.
- Built using small composable components following the UNIX philosophy.
- Source code available on Node.js public registry npm as: [aviation-scraper](#), [aviation-json](#), [aviation-pg](#), [aviation-model](#), [aviation-api](#), [aviation-front-end](#).

Mortgage calculator (2014)

- Published on Node.js npm, as a [mortgage-calculator](#), a module that allows developers to include mortgage simulations on their sites. Demo <http://cristobal-io.github.io/mortgage-calculator/>

Akelos Media (2006)

- Sliced PSD designs as semantically and valid HTML and CSS under tight deadlines.

Non software development experience

Skydiving Pilatus Porter Pilot, Jump Aviation S.L. (2007 - present) (2200 hours, 5000 landings)

Purchasing Manager, Carpigiani Horeca S.L.U (2009 - 2016)

- Lead SAP usability improvements over 9 years, SAP Certified in procurement.
- Increased integration from 40% of SAP resources to 80%.
- Managed the purchasing department. Built and lead the team of 5 members.
- Reduced raw material costs by 3% each year, with negotiation skills and purchasing techniques.

Aerial Banner Pilot, Aerosafor S.L. - (2006 - 2008).

Flight Coordinator, Newco Airport (Spanair) Barajas - (2005)

Water Rescue Coordinator, The Red Cross - (1997 - 2000)

Education.

Full stack software development. (2014 - present).

- Self taught software development and web development following best practices.
- Ongoing mentorship program with [Bermi Ferrer](#) to become a full stack web developer.
- Ongoing learning from online resources ([CodeSchool](#), [James Shore](#)), and books ([Eloquent JS](#), [JS the good parts](#), [Head First](#)). Bash, Git, Make, TDD, ES6...

SAP ERP 6.0 EHP6 - Sap Global Certification (2014) - ID 0012187766

SAP Certified Application Associate - Procurement with SAP ERP 6.0 EHP6

Type Rating (Airplane Certification) - Pilatus Porter PC6 (2008).

Commercial Pilot, ATPL Integrated - Aeromadrid (2003 - 2005)

Business Science Degree - University "La Florida" (Valencia, Spain) (2000 - 2003)

Languages: Spanish (native), English, Catalan, Italian

Programming:

JavaScript

Node.js

npm

ES6

CSS

Git

Bash

Make

JSON

HTML

PostgreSQL

Toolbox:

Gulp

Async

Grunt

Redux

Leaflet

Lodash

jQuery

React.js

Yeoman

Moodle

Webpack

Express.js

Browseryify

WordPress

Commander

Redux-Sagas

Redux-thunk

Redux-async-connect

Lint and Style:

JSCS

Eslint

JSHint

Testing / QA:

Jest

Karma

Mocha

Testem

Istanbul

Enzyme

Travis CI

Coveralls

Codship

Editors:

vim

atom

sublime

Operating Systems:

OSX

Windows

Ubuntu / Linux

<https://github.com/cristobal-io>