

David Gómez-Urquiza

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Work

- **Play Business** - Cofounder/Lead Developer, 2014
 - Equity crowdfunding platform for Mexican startups
 - Responsible for building the platform, payment processing and customer service
 - Worked with Rails 4, Coffescript, SASS, HAML, and Postgres
- **Easy Broker** - Developer, 2013
 - Platform for real estate businesses to manage their property listings
 - Developed features like, in-mail system for the product and activity feeds.
 - Worked with Rails 2 and 3, JavaScript, SASS, HAML, Postgres, and ElasticSearch
- **Zode64** - Developer, 2012 - 2013
 - Software consulting company, with clients ranging from individuals to government agencies
 - As the first employee, I was responsible for re-engineering a large govt. application that optimized administrative tasks from 8min to 2min
 - I built user facing features, like a product scraping tool, which fetched information from a wide variety of websites
 - Worked with Rails 3, JavaScript, HTML Media Capture, Postgres and IndexTank
- **Fractal Media** - Developer, 2011 - 2012
 - Developed a Google Analytics campaign visualization tool using Processing
 - Built an ad crawler using phantom.js
 - Created an internal web platform used for ad tagging in Django

Projects

- **drowning.technology** - 2015
 - VR game where users drown each other with popular search trends
 - Created the gameshow interface, which connected the APIs and the Oculus Rift terminals
 - Used Python, Google Trends API and OSC
 - *Built at [Art Hack Day: Deluge](#)*
- **vinepy** - 2013
 - A Python library to connect to Vine private API
 - Using it I managed to find and report some bugs on their API
 - Used by companies such as BuzzFeed to track their Vine account metrics
- **Cloudspotting** - 2013
 - Cloudspotting lets you draw on clouds, finally being able to conceptualize those animals that you have always seen
 - Used JavaScript/Canvas and Firebase
 - *Built at [Startup Bus](#), picked as the crowd favorite project*

Education

- **Recurse Center**, *New York City, NY* - 2015
 - **3 month retreat for programmers**
 - Wrote a [Clojure library](#) wrapper for Coursera private API
 - Made a bathroom stall status server. Connected clients such as wifi enabled light bulbs indicator
 - Created a [tiny library](#) for a workshop about Package Deployment, CI, and Coverage reports
- **Tec de Monterrey, Campus Santa Fe**, *Mexico City, Mexico* - 2007 - 2012
 - **Electrical and Telecommunications Engineering**
 - Created a platform accompanied with a device to ease grocery shopping by scanning products before trashing them and automatically creating grocery lists
 - Modded a barcode scanner to use it as a linear camera for a line following robot
 - Made an RFID card payment system for buses in Mexico City
 - Built a laser projector with a drawing interface

- **Korea Advanced Institute of Science and Technology**, *Daejeon, South Korea* - 2011
 - **Electrical Engineering and Computer Science, Exchange Program**
 - Built an Android app to send text messages using sound waves
 - Wrote a PID tuner using genetic algorithms
 - Created a web application to ease course enrollment

Skills

- Programming languages
 - Python, Ruby, JavaScript, Clojure
 - Frameworks
 - Ruby on Rails, Flask, Django
 - Markup and design
 - HTML5, CSS3, Markdown
 - Embedded systems
 - Raspberry Pi, Arduino, PIC, Circuit design
 - Natural languages
 - Spanish, English, Korean
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Say hi!