

Santi Gracia

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GitHub: github.com/santigracia

Portfolio: <https://santi.codes>

TECHNICAL SKILLS

- **Proficient:** Swift 3, Xcode, AutoLayout, RESTful APIs, AlamoFire, Passkit, CoreLocation, CoreBluetooth, SiriKit, MapKit, CloudKit, Threading and Concurrency GCD, Calabash, Java, Perl, SQL, Firebase, Git, HTML5, CSS3
- **Exposure:** Objective-C, CoreData, JavaScript, Node.js, MongoDB, Neo4J, Python, C, C++, AWS, Sass, TDD, Agile

WORK EXPERIENCE

RideController.com | iOS Software Engineer | San Francisco, CA 2016 - Present

- Engineered full-rewrite of RC car controlling system for PRO users, increasing number of elements for drivers to control by 4X utilizing Swift 3 and Xcode 8.
- Migrated to Swift 3 BLE framework for CoreBluetooth connectivity, optimizing entire codebase by factor of 2.5.
- Rebuilt platform with focus on UX providing 3 design alternatives using Sketch, adding support for iPad and multiple orientations, resulting in UI enhancements of 70%.
- Increased customer satisfaction by 200% through implementing new feature to select over 300 customizable icons or emojis by using an icon content backend in Node.js and asynchronous image loading.
- Enhanced platform UI/UX making 70% faster interactions by adding customizable button grid system using Swift 3 and embedding UICollectionViews inside UIPageViews.

Forbranding.com | Software Engineer | Barcelona 2010 - 2013

- Developed tool in Perl and MySQL to automate incoming stock to sync business backend with Magento site replacing two data-entry workers and saving €35,000 annually for company.
- Moved all hosting services to self-administered dedicated Debian server in European region using Apache2, saving €2,500 yearly in hosting bills to company and serving pages 2X faster.

Loovit.com | Software Engineer + Founder | Barcelona 2007 - 2009

- Launched dating site utilizing PHP and MySQL, reaching over 5,000 unique users the first month after release.
- Led team of 4 software engineers and designers for 9 months to create PHP and MySQL social media site.

MatineeGroup.com | Support Engineer | Barcelona 2006 - 2008

- Provided IT support for hardware and software to more than 100 users across multiple venues in organization, improving 80% issue resolution time through implementing asset inventory management tool using Perl.

EDUCATION

B.S. Computer Science (emphasis in Software Engineering), Park University 2016

SIDE PROJECTS

Costa Este iOS app | iOS Software Engineer 2017

Mobile iOS booking app for group of 8 night clubs and 15 luxury restaurants in Barcelona.

- Architected RESTful API backend using Node.js and MongoDB to handle more than 1,000 concurrent users.
- Enhanced check-in experience by 60% using Swift 3, Passkit and barcodes for tickets and bookings.

Presinder | iOS Software Engineer | presinder.com 2015

“Tinder for U.S. Elections” -- Tool for politically minded individuals to quickly express their interest in running candidates.

- Built Python script to fetch 2,000+ tweets from presidential candidates, displaying them Swift and Parse app.

Exploring NoSQL Databases | Software Engineer 2015

Capstone project for Garmin Aviation team to speed up large queries by using non-relational databases.

- Improved query speeds by 4X by creating traceability matrix to replace MySQL DB with MongoDB and Neo4j.

LEADERSHIP + AWARDS

1st Place Best Design and Best Developer (SugarHunt - iOS app), Developer Camp SF 2017 Hackathon 2017

Apple WWDC16 Scholarship (\$4,100), Apple Inc. 2016