echo

ECHO INTERACTION GROUP, INC

About The Company

Echo was founded in 2008 by Carlos Carbonell in the Central Florida region. At the heart of Echo is building award-winning Mobile Applications. Echo's development team has created over 100 custom iOS and Android applications for clients ranging from Fortune 500 companies to small businesses worldwide. These apps have allowed brands to reach consumers in highly unique ways, streamline internal processes, or drive revenues by introducing new transactional channels. The end goal is to create mobile applications that are compelling, efficient and drive business.

In addition, Echo is highly skilled in Augmented Reality (AR) concepts and 3D modeling. This includes 3-Dimensional object manipulation, interactive experiences, virtual product interactions, and training and marketing materials that "come to life." Augmented Reality has a myriad of creative and compelling applications – and Echo is the team to help you explore unique ideas.

Echo's capabilities don't stop at custom technology development, however. Echo's senior management team has decades of experience in Strategic Marketing, Business and Technology Feasibility Studies and can help clients build the right business plan to deploy their ideas. Whether it is developing a monetization scheme, creating a tactical marketing plan, or optimizing search and app stores, Echo can help determine the best action plan to support a client's concept.

Certifications

- SBA 8(a) Certified
- MBE
- Project Management Professional (PMP)
- Agile Certified Practitioner (ACP)

NAICS Codes

541511
541512
541519
541690
561599

Contact Information

Carlos Carbonell, CEO
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EchoMobileApps.com

Core Services

Echo's development team has broad knowledge about advanced technologies to help companies leverage innovative ideas to grow businesses. The team has considerable experience supporting Fortune 500 companies and able to translate business objectives into actionable strategies. Through a well–tested process, Echo can help clients explore new ways to incorporate technology to drive customers and revenues.

We provide services in the following areas:

- **Computer Software Development***
- **Mobile App Development (iOS, Android and Web)**
- **Artificial Intelligence & Machine Learning**
- **Web Design and Development**
- **Augmented Reality (AR) & Virtual Reality (VR)**
- **3D Modeling and Simulation**
- **Digital Marketing**
- **Graphic Design**

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Examples of Our Experience

- Echo's team of developers has worked with complex hardware integration of mobile software for **Fortune 500 clients**. Through a partnership with VOXX International, we collaborated with their leadership group in core technology development and deployment of their mobile solutions. As our relationship with VOXX evolved, Echo became a valued strategic partner and we have provided them with fully integrated long-term Product Development and Innovation. With a relationship that spans several years, Echo has provided support for the launch of various apps for customer's including Ford, GM, Nissan and others.

- Echo has expertise project managing federal contracts as well as delivering custom software including **Department of Veterans Affairs**..

- The **Florida Department of Transportation** engaged Echo to understand the needs of the traveling public in the City of Orlando and the surrounding areas in order to develop an advanced system of technology tools to assist the public in optimizing their route and mode choices. The outcome of this project resulted in more advanced, smarter tools for the public to optimize their choices for public transportation throughout Orlando and the surrounding communities.

- Echo has developed applications for the **City of Orlando**, **Orange County Government** and the **Florida State House of Representatives.**

* Computer Software Tech Stack Proficiency

Software / Tools

- XCode
- Android Studio
- Visual Studio
- VS Code
- Reality Composer
- Reality Converter
- AWS
- Heroku
- Docker
- Intellij
- RubyMine
- Adobe Photoshop
- Adobe Illustrator
- Premiere
- After Effects
- Adobe xd
- Adobe Audition
- 3Ds Max
- Maya
- Blender
- Keyshot

- Houdini
- Unreal Engine
- Sketch Up
- Figma
- Git (GitHub, Unfuddle, Bitbucket)
- Postman
- Redux
- Context API
- mobX

Languages

- Swift
- Vapor4/Swift
- Java
- Objective-C
- Kotlin
- Flutter/DART
- React.js
- Unity
- Vex (Python)
- Python
- C++
- C
- SQL
- CSS
- HTML
- PHP
- Node.js
- Ruby on Rails
- Angular.js
- .Net C#

Key Team Bio

- **Carlos Carbonell - CEO / Founder**

  Carbonell is a prominent leader in Central Florida's business, technology, and civic realms. As a successful tech entrepreneur, he founded Echo Interaction Group, renowned for its mobile app projects and AR-enabled app software platform. Carlos's achievements include awards such as the Don Quijote Award and recognition as a Top App Developer Company in Orlando. He has been named among Florida's 500 most influential business leaders, Orlando's 50 most powerful individuals, and recognized as a top Hispanic business leader. He has past experience working with the US Army National Guard in digital projects, USDA and VA tech projects. He leads product and business development, contracting and client service.

- **Rosana Silva - Project Management Director**

  Silva is an accomplished leader overseeing the Central Florida team of advanced technology software engineers at Echo. With a focus on design, development, implementation, and support of custom applications and software, she ensures the team delivers exceptional results. Silva excels in tracking project progress, ensuring timely completion within budget and desired outcomes. As a valued member of the Leadership team, she actively contributes to company plans, goals, objectives, policies, and procedures. Silva's expertise includes being a Certified Scrum Master and holding a Project Management Professional (PMI) certification, showcasing her proficiency in agile methodologies and project management best practices. She has an IT BS from University of San Francisco - Brazil.

- **Patrick Burke - VP of Strategy**

  Burke has been a senior leader in the telecommunication industry for over 25 years. He was Regional Vice President (RVP) of Sales, Marketing, and Programming in numerous Time Warner Cable Divisions throughout the country. A graduate of Stetson University College of Law, Burke has his law degree in Intellectual Property Law studies. He has been awarded numerous Addy and Telly awards for his campaigns with Bright House and Time Warner Cable. Throughout his career, he has been a distinguished Marketing leader and frequent speaker in the Technology and Marketing communities. He leads marketing, strategy and analysis.

- **Joe Fernandez - Product and Business Development Manager**

  Joe is a versatile professional at Echo, specializing in business and technology. With his expertise in various technologies, including 3D products, visualizations, and ChatGPT, Joe plays a key role in crafting strategic applications and solutions. He excels in developing code and content both for internal use and client projects, showcasing his creativity and technical prowess. Joe is an agile coach and a graduate of the University of Central Florida.

- **Philip Loeffel - Government Programs**

  Philip brings a wealth of experience to Echo's government division, having started his career in the space industry, working on high-tech fault-tolerant software systems for renowned companies like NASA, Siemens, and Harris Corporation. As the founder and former CEO of Objective Technical (later Riptide Software), he successfully leveraged his expertise in defense and large software projects. Having exited his company, Philip now plays a vital role at Echo, assessing program viability, feasibility, and resource allocation to ensure optimal outcomes. Philip holds a Bachelor's degree in Computer Engineering and a Master's degree in Computer Science.