



## ECHO INTERACTION GROUP, INC

### About The Company

Established in 2008 by Carlos Carbonell in Central Florida, Echo is an 8a certified company specializing in crafting award-winning Mobile Applications. With a robust portfolio of over 200 custom iOS and Android apps, Echo has proudly served an esteemed clientele, including Fortune 500 companies and federal agencies. Our transformative apps drive unparalleled consumer engagement, streamline internal processes, and generate revenue through cutting-edge transactional channels.

Echo's extensive expertise encompasses Augmented Reality (AR) and 3D modeling, unlocking captivating interactive experiences, virtual product interactions, and dynamic training and marketing materials. We excel in integrating advanced AI technologies like chatGPT, empowering your agency with intelligent solutions.

Furthermore, our seasoned senior management team brings decades of experience in Strategic Marketing, Business, and Technology Feasibility Studies, providing invaluable guidance in developing tailored business plans, effective monetization schemes, tactical marketing strategies, and optimizing search and app store presence. Echo is your trusted partner in turning visionary concepts into successful ventures, with a commitment to delivering excellence that aligns with your agency's goals.

#### Certifications

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

#### NAICS Codes

541511  
541512  
541519  
541690

#### Contact Information

Carlos Carbonell, CEO  
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EchoMobileApps.com

### Core Services

Echo is a trusted partner for government agencies and its contractors, offering expertise in advanced technologies to drive business growth. Our development team possesses extensive experience in supporting federal contract work, translating business objectives into actionable strategies. With a focus on delivering exceptional results, Echo stands ready to collaborate with federal agencies, providing tailored solutions that meet their unique requirements and drive their mission forward.

Our services span across key areas, including:

- **Computer Software Development\***
- **Mobile App Development (iOS, Android and Web)**
- **Artificial Intelligence & Machine Learning**
- **ChatGPT, Bard and other AI platforms**
- **Augmented Reality (AR) & Virtual Reality (VR)**
- **3D Modeling and Simulation**

## 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** and the **USDA**. We currently still maintain an USDA suite of apps.
- 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#

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## Management

- **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.