

Joshua Hoagland

San Diego, CA | josh@hoagsmedia.com | (740) 338-0065

Professional Summary

Full-stack web developer, AI platform developer, and military veteran with a strong background in building scalable applications, managing secure systems, and streamlining workflows through automation. Skilled in modern JavaScript frameworks, backend integration, responsive UI/UX design, and machine learning platform development. Recently contributed to applied AI research, focusing on generalized sensory-motor frameworks and cross-platform integration. A U.S. Navy Veteran and graduate of SEAL BUDS training, bringing proven discipline, adaptability, and leadership into fast-paced development environments.

Professional Experience

CEO & Founder | Tent City Technologies – Coronado, CA | August 2016 – Present

- Developed web apps for small businesses, improving client communication and workflow
- Developed and maintained responsive, accessible websites with JavaScript, TypeScript, React, and Svelte
- Integrated Apple Business Manager with Azure AD to automate identity and license management, cutting manual work
- Scaled clients' IT systems securely via Node.js backend development and database integrations
- Supported 300+ clients with technical issues and software optimizations

Machine Learning Platform Developer | AI Research Lab | September 2025 – Present

- Built cross-platform integration tools connecting iOS devices with AI systems for sensor data collection and analysis
- Developed experimental frameworks to train AI systems on new object recognition tasks using multimodal data
- Designed reproducible environment setups across Apple Silicon and desktop platforms for streamlined deployment

Armed Detention Officer (Acting Sergeant) | Centerra – San Diego, CA | March 2024 – May 2025

- Documented and tracked workflows using digital systems, applying principles of agile project management
- Collaborated with team members to ensure operational efficiency, reinforcing skills in clear communication
- Adapted quickly to high-pressure environments, strengthening strategic problem-solving skills

Naval Special Warfare | U.S. Navy – Coronado, CA | December 2010 – December 2015

- Graduated SEAL/BUDS training and Search and Rescue Swimmer School
- Led and trained teams in high-pressure, mission-critical environments, ensuring accountability, safety, and readiness
- Oversaw sensitive equipment and systems valued at over \$300,000 while supporting advanced forensic and tactical instruction

Technical Skills

- **Languages & Frameworks:** JavaScript, TypeScript, HTML, CSS, Node.js, React, Svelte, Tailwind CSS, Python
- **AI/ML Frameworks:** PyTorch, sensory-motor AI frameworks, neural object learning, conda environments
- **Database & Ops:** SQLite, Drizzle ORM, Neon, workflow automation, secure system integrations
- **Data Processing:** RGB/depth sensor data, real-time streaming, quaternion spatial transformations
- **Mobile Integration:** iOS sensor APIs, cross-platform AI deployment
- **Systems & Tools:** GitHub, Microsoft 365, Adobe Cloud, Cloud & Deployment Platforms
- **Other:** MacOS/Windows administration, technical documentation, customer communications

Education

Associate of Science in Multimedia Science Pittsburgh Technical College | Pittsburgh, PA

August 2005 – August 2007