

# Senior Software Engineer

Highly experienced developer and team leader looking for challenging work with big potential. Recognized for ability to quickly understand and solve complex problems with forethought, tact, and creativity.

# Gary Strawn

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U.S. citizen, veteran  
808-895-7096

- 10+ years coding, 10+ years management
- Respected coder, designer, mentor, team builder
- Strong written and verbal communication skills
- Front end: JavaScript/TypeScript, HTML5, CSS3
- Back end: PHP, SQL, Node.js, TCP/IP, REST API
- C/C++, 2D/3D, WebGL, React/Angular/Three, Git
- Able to quickly see the larger picture, find innovative solutions, and collaborate across departments.
- Skilled at distilling complicated concepts into simple terms for customers, stakeholders, and team members.
- Experience with too many technologies to list, from C++/Windows/GLSL to Javascript/SQL/GraphQL

## KonaEarth.com - Founder / Owner / Operator

E-commerce business selling gourmet coffee worldwide. Created and nurtured this highly successful brand. Sole full-stack developer including HTML, CSS, Javascript, PHP, SQL, API, data visualization, SMTP, SEO, PCI, popular blog, hidden games, and other features only attainable when the owner is also the coder. Other farming skills include: crew manager, equipment operator, diesel mechanic, carpenter, plumber, electrician, lumberjack, biologist, accountant, marketing, sales, tour host, barista... whatever it takes to get the job done.

## Greenwell Farms - Director of Online and Retail Staff

Managed multiple departments including: online sales, website developers, social media contractors, retail store, tour guides, roasting room and shipping staff. Revamped online business for better scalability and usability.

Electronic Art - Lead programmer, managed network team. Developed International lobby servers and NAT negotiation. Mentored teams about distributed peer-to-peer synchronization. Wrote anti-cheat algorithms (detect and ban game bots). Wrote technical design documents for future products.

**Products:** Command & Conquer: Generals, Lord of the Rings: Battle for Middle Earth

Mad Doc Software (now Rockstar) - All aspects of product design and development: 3D graphics library, terrain generation, design documents, game engine, game AI, resource management, user interface.

**Products:** Empire Earth: Art of Conquest, Star Trek: Legacy, Wolfenstein: Enemy Territory

Cisco System / Netiverse - Developed Internet's fastest server load balancer. Designed and wrote embedded server health monitor for TCP/IP, HTTP, FTP, SMTP, DNS, SNMP, SMTP, and HTML. C/C++, sockets

**Patent:** *Server Content Verification Using Regular Expressions.*

Accolade / Infogrames - Advanced from junior programmer to senior team lead. Interviewed all incoming programmer applicants. C/C++, assembly, DirectX, 3D graphics, multiplayer, physics, sound, game AI. Won 1st place industry-wide award for establishing cross-platform compatibility in early DVD products.

**Products:** Test Drive Offroad 3, Test Drive Offroad 2, Deadlock, Jack Nicklaus Golf, Bubsy II

Intel Corporation - Wrote monitoring and control software for Class 1 silicon manufacturing clean room.

Kaiser Engineers - Wrote inventory system for U.S. Navy Trident missile nuclear submarine refit facility.

Group Fitness Instructor - Sprint, BodyPump, RPM. CPR certified, used CPR to save a life.

HI-SEAS - Hawaii Space Exploration Analog and Study - Simulation of long duration Mars missions.

U.S. Air Force, Combat Veteran, Desert Storm - C-5 Loadmaster. Top-secret security clearance, transported classified cargo, escorted the President, handled in-flight emergencies, shot at by scud missiles, flown around the world.

San Jose State University - Bachelor of Science, Computer Science. Minor in Mathematics

<https://gstrawn.dev> - Personal website. Code samples available upon request.