

Gary Samuel

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PROFESSIONAL EXPERIENCE

Bimmer Plug, Irvine — Junior Full Stack Developer

March 2025 - PRESENT

- Improved conversion rates and user engagement by optimizing Shopify product pages — enhanced layout, persuasive copy, and mobile responsiveness — leading to a 15–20% increase in conversions and increased time on site.
- Ensured seamless eCommerce performance by proactively identifying and resolving 10–15 UX/functionality issues monthly, resulting in a smoother, more reliable user experience across devices.
- Elevated brand alignment and functionality by customizing Shopify Liquid templates and integrating 2+ third-party apps, which boosted store capabilities and supported specific performance and aesthetic goals.

Novel Prep, Irvine – Private Instructor – Mathematics & Programming

September 2024 - PRESENT

- Boosted student performance by tutoring in mathematics and programming, which led to an average 20% improvement in test scores within a single academic term.
- Increased student engagement and satisfaction by designing and implementing personalized learning plans, resulting in a 95% student retention rate over a two-year period.

Kingsmen Digital Ventures, Irvine — Frontend Engineer Intern

June 2024 - September 2024

- Increased team efficiency by 20% by collaborating with a cross-functional team of 5 developers to design and implement internal tools using Python (Flask) and React.js, streamlining project management workflows.
- Improved user engagement by 15% through the redesign and testing of core features for the company's web-based client portal, enhancing UI/UX responsiveness via iterative feedback and usability testing.
- Enhanced system reliability by diagnosing and resolving 30+ critical software bugs, ensuring smooth production deployments with minimal downtime across multiple environments.

TECHNICAL PROJECTS

- **Human Facial Expression Detector:** Engineered a high-performance real-time facial expression recognition system using OpenCV and NumPy, capable of accurately identifying subtle emotional cues. Optimized detection algorithms for rapid processing and low latency, significantly enhancing security and user interaction features. Delivered a scalable solution suitable for integration into surveillance systems, smart devices, and interactive applications.
- **Real-Time Customer Support Chat Platform**
Built a real-time customer support chat system for Bimmer Plug using HTML, CSS, JavaScript, Node.js, and Socket.IO. Delivered responsive UIs for customers and staff, persistent chat history, and email transcript automation via Nodemailer. Emphasized secure, scalable architecture with CORS and deployment-ready configuration, boosting support efficiency and user engagement.
- **MissionKaizen.org – Static Website Project**
Designed and developed a modern, fully responsive website using HTML, CSS, and JavaScript, focused on accessibility and cross-device compatibility. Integrated advanced UI/UX principles to enhance user experience, resulting in a 20% boost in engagement and a 15% reduction in bounce rates.

EDUCATION & CERTIFICATION

- **California State University, Fullerton** — B.S. in Computer Science Expected Graduation: 2026
- **Stanford University** — Certification of Achievement in Data Structures & Algorithm

TECHNICAL SKILLS

- **Language :** C, C++, Python, Java, SQL, HTML, CSS, Tailwind CSS, JavaScript, Liquid Shopify, PHP, Assembly
- **Framework :** React.js, Angular, Vue.js, Bootstrap, Node.js, TensorFlow, PyTorch, Scikit-learn, Matplotlib
- **Tools :** Git, Github, Visual Studio Code, Visual Studio 2022, Pycharm, XML