ADAM KEHL

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LANGUAGES

C, C++, C#, Go, JS/jQuery, HTML/CSS, PHP, SQL, Bash (basic familiarity: React, Vue, Node.js)

PLATFORMS

AWS, Linux, Docker, Embedded Systems (AVR, ARM), MacOS, PC, Android, HTC Vive

TOOLS

Git, Visual Studio, Docker, CI/CD, Github, CLion, PlatformIO, GoLand, PHPStorm, Photoshop, Illustrator, Eagle, Blender, Unity3D, Visual Show Automation

EDUCATION

Math-Computer Science B.S. / UC San Diego   Sep '23 - Current
- Expected graduation in March, 2025.

EXPERIENCE

Software Engineer / Ezoic Inc.   Nov '19 - Dec '22
- Go, PHP, SQL, JS/jQuery, and React for Docker/AWS projects
- Managed sales pipeline and customer outreach tools
- Represented team in company-wide engineering meetings
- Patched exploits found by bug bounty program
- On-call emergency support

Programming Consultant / Allegrotek ISI   Jun '19 - Nov '19
- C#/WPF for PCB production line efficiency monitoring software

Programming Consultant / TREW Special FX   Feb '17 - Nov '19
- Technical consultation for Samsung, Nike, Chase, and Sheraton events
- Designed a VR experience for Royal Caribbean's "Up, Up & Away" event
- Drafted and assembled complex interactive event installations using CAD

Web Design Contractor / Studio Kale   Feb '17 - Oct '19
- Web design services using WordPress, Shopify, and BigCommerce
- Graphic design, branding, product prototyping

**Jr. Mechanical Engineer,
Web Developer** / Brown Safe Mfg. Inc.   Jun '15 - Feb '17
- Created online marketplace for vault door product line using HTML/PHP
- Designed 200+ custom safes for customers using SolidWorks
- Created vault door engineering drawings for government clients

PROJECTS

Penumbra is a cross-platform first-person puzzle game developed in Unity that won "most fun gameplay" in the 2019 Finally Finish Something Game Jam. The game was played by two of the largest gaming channels on YouTube (Markiplier and Jacksepticeye) and amassed over 5 million views.

SimmiMega is a handheld microcontroller-powered game console that features sprite editing, map editing, and logic editing without the need for a computer. The firmware is written in C++ for all AVR microcontrollers.

Socially Autonomous Mechatronic (SAM) is an integrated animatronic controller system that uses the IBM Watson API to process and generate speech while eliciting mechanical animation via custom on-board controllers and playback systems.