RYAN RICCIO
SOFTWARE ENGINEER

📍 Huntington Beach, CA / Austin, TX

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Highly skilled and detail-oriented software developer. A hard-working critical thinker who creates interesting and effective solutions to complex problems. Strong problem-solving skills and ability to work effectively in a team-based environment. 5+ years of programming experience.

SKILLS

- C/C++, Python, C#, Java , MySQL, Assembly (MIPS, 6502, RISC-V), HTML5/CSS3/JS(jQuery), Docker/Compose, Bash/Shell, PHP, MATLAB
- Git/GitHub, Agile Methodologies
- LAMP stack (Alpine/Debian), RESTful APIs , Socket Programming, Site-to-site Proxies
- Unit Testing (GoogleTest), .NET Dependency Injection
- ImGui (SDL/GLFW), WPF (MVVM), WinForms, tkinter

- Quickly grasps new concepts
- Excellent Communication
- Success with diverse teams
- Works well with client/authority
- Innovative Problem Solving
- Interests: HW/SW interfaces, Cryptography, Virtualization/ Containerization, Data Analysis

EDUCATION

Bachelor of Science – Computer Science
Concordia University Irvine • May 2024 • 3.96 GPA (4.0 Program)

- **Projects:** Custom RISC-V based architecture (emulated), FAT16/32 File Manager, Virtual Paged Memory Manager (ImGui), Abridged GPG-Agent (3DES, AES, SHA1, SHA2, MD5, S2K manually implemented), Simple Cryptographic Analyzer, Blockchain Retriever, Financial Manager (WPF), Arduino EEPROM Programmer, SACN to DMX Raspberry Pi Debian Service, C Data Structures. Simple Cancer SNP/Genome Database (MySQL).
- **Relevant Coursework:** Advanced Operating Systems, Server-Side Development, Object-Oriented Programming, Intro to Bioinformatics, Information Security, Computer Architecture and Assembly, Networking, Data Structures, Numerical Analysis.
- Gained experience in developing multiple maintainable, collaborative projects using SCRUM while following the SDLC. Placed on Dean's list for all attended semesters.

EXPERIENCE

Co-Owner – MAD Production LLC
April 2022 – January 2024

- Established a production company specializing in live audio and lighting for corporate/live events across the U.S.
- Participated in providing labor to shows with more than 20,000+ attendees.
- Created experiences for companies such as Armani, iHeart Radio, Krug, Dom Perignon, Ford, Spotify, HBO Max, Apple TV, Facebook, and various others.
- Worked with talent as Steve-O, Charlie Puth, The Chainsmokers, Shawn Mendes, Lada Gaga, Anderson .Paak, Mehro, and many more.

Service Manager IT – Chipotle
March 2021 – May 2022

- Participated in a comprehensive restaurant management program to learn what is required to run a successful restaurant. Demonstrated strong leadership skills by managing team members, budget, food safety, and compliance, as well as guest experience.

Team Member – Whataburger
August 2020 – Feb 2021

- Helped to accomplish various food service tasks alongside a team of people in an accurate and timely manner.