

Mark Ryan Garcia

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EDUCATION

California State University, Fullerton <i>B.S. in Computer Science, Minor in Mathematics</i>	Aug 2022 – May 2026 GPA: 3.82
<ul style="list-style-type: none">Relevant Coursework: Data Structures and Algorithms, Web Front-End Engineering, Web Back-End Engineering, File Structures and Database Systems, Advanced Probability, Artificial Intelligence	

EXPERIENCE

Software Engineer Intern <i>Glenair, Inc.</i>	May 2025 – Aug 2025 Anaheim, CA
<ul style="list-style-type: none">Engineered a full-stack web application to generate Zebra printer label templates, printing approximately ~600 labels per week, utilizing React, FastAPI, SQLAlchemy, SQL Server, Labelary API, and Zebra Printer LanguageIntegrated inventory and job-order APIs to auto-populate part and job numbers into a custom Zebra label template, eliminating manual entry errors, guaranteeing 100% audit-trail accuracy, and accelerating workflowsOptimized Flask API endpoints by integrating MinIO storage buckets with SQL Server, reducing average file retrieval latency by an average of 60% compared to retrieving raw binary files from SQL tables	
Supplemental Instruction Leader <i>California State University, Fullerton</i>	
Jan 2024 – Dec 2025 Fullerton, CA	

PROJECTS

Sudoku Visualizer <i>React, Typescript, Tailwind CSS</i>	Dec 2025
<ul style="list-style-type: none">Built an interactive Sudoku solver and visualizer, displaying step by step solving decisions in real timeImplemented multiple solving strategies including backtracking, backtracking with forward checking and MRV heuristics, and an emulation of a human style approach to solving a sudoku puzzle	
Endless Vertical Platformer <i>C#, Unity</i>	
Feb 2025 – Mar 2025	

Marktris <i>Godot Engine, GDScript, Vercel</i>	Jan 2024 – Mar 2024
<ul style="list-style-type: none">Built a fully playable Tetris game using the Godot Engine and GDScript, implementing modern gameplay features including collision detection and the Super Rotation System (SRS) for piece movement and rotationDeployed the game to the web using Godot's Web Export Tool and Vercel for easy access and sharing	

EXTRACURRICULAR

Association for Computing Machinery (ACM) <i>Club President, Board Officer</i>	Aug 2022 – Present
<ul style="list-style-type: none">Lead the largest tech student organization at CSUF with over 2,500 members and ~55 officers across 10 branchesSupported ACM's community growth by serving as the Marketing Team Lead, a GameDev Officer, and Node Buds Big, managing social media presence, leading Unity workshops and mentoring new members	
FullyHacks <i>Co-Director, Marketing Team Lead</i>	
Sep 2024 – Present	

TECHNICAL SKILLS

Languages: Python, Javascript, Typescript, HTML/CSS, MySQL, C, C++, C#, R, MATLAB
Frameworks/Tools: React, React Native Expo, Svelte, Node.js, Firestore, Amazon S3, FastAPI, Flask, Material-UI, MinIO, Docker, Unity, Linux, Figma