

GAVIN ANTONACCI

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EDUCATION

Florida State University, Tallahassee, FL

Bachelor's of Science, Computer Science, December 2025

SKILLS

Programming/Scripting Languages: C++, Java, TypeScript, Python, SQL

Frameworks and tools: Visual Studio Code, Android Studio, Git, Firebase, Node.js, Flask, React, RESTful APIs, Terminal

Core Competencies: Data Structures & Algorithms, Object-Oriented Programming, Full-Stack, Software Design Patterns

PROJECTS

Let's Jam - Social Platform for Local Musicians

Personal Project, January 2026

- Built full-stack web app with React, Firebase Cloud Functions, and Firestore featuring real-time messaging, band management with application workflows, and musician discovery with advanced filtering across genres, instruments, and availability
- Architected security-first backend routing all write operations through Cloud Functions with Zod schema validation, HTML sanitization, and sliding-window rate limiting, while designing a denormalized Firestore schema with real-time listeners, React Context API for global state management, and a responsive mobile-first UI with theme switching using CSS modules

Chess AI Bot - Intelligent Game Engine

Florida State University, Spring 2025

- Collaborated with a small team to develop chess application in Python using Pygame, featuring AI opponent with minimax algorithm and alpha-beta pruning for optimal move selection
- Designed intuitive UI with drag-and-drop functionality, move validation, and visual feedback for enhanced player experience

Wordle Game - Android App

Florida State University, Summer 2024

- Developed a fully functional Wordle-inspired Android mobile application from scratch within a two-week sprint using Android Studio and Java, collaborating with a small team to implement core gameplay mechanics, persistent game state management with SharedPreferences, and a statistics tracking system backed by a Room SQLite database with a custom DAO layer
- Delivered a comprehensive live demo and PowerPoint presentation showcasing the app's architecture, UI design utilizing RecyclerView and GridView adapters, asynchronous background processing, and technical design decisions to a panel audience, with interactive hands-on testing

WORK EXPERIENCE

Shift Supervisor

CVS Health Corporation, Naples FL, August 2025 - Present

- Lead team operations and coordinate workflow to ensure efficient store management and customer satisfaction
- Resolved complex customer issues and technical system problems
- Trained in supervisory responsibilities including inventory management, team coordination, and point-of-sale system operations

Computer Technician Assistant

Collier County Public Schools, Naples FL, June 2019 - August 2019

- Diagnosed and resolved hardware and software issues for computers, printers, and network devices across multiple school facilities
- Performed system installations, configurations, and upgrades while maintaining detailed documentation of technical procedures
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INVOLVEMENTS

- Live Music: Electric guitarist, bassist, and pianist performing with local band for 2+ years
- Mathematics Tutor: Providing one-on-one instruction to students, typically those who were deeply struggling
- Community Service: National Honor Society member, volunteer with Make-A-Wish Foundation, American Cancer Society, and International Coastal Cleanup