

GRIFFIN GIORDA

COMPUTER SCIENCE EDUCATOR CANDIDATE

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PROFESSIONAL SUMMARY

Computer Science educator candidate with a B.S. in Computer Science and hands-on experience in software engineering, web development, databases, Linux, cloud deployment, and team-based development. Completing Texas Computer Science 8-12 certification requirements through iteachTEXAS and applying more than ten years of professional experience to the classroom.

CERTIFICATION & EDUCATION

Texas Computer Science 8-12 Certification Candidate
iteachTEXAS | Statement of Eligibility requirements in progress

University of Texas at San Antonio
B.S. in Computer Science | GPA: 3.41

TExES Computer Science 8-12 (241) Competency Exam
Passed 8/17/2026; Score: 251

TECHNICAL SKILLS

Programming: C, C++, Python, Java, C#, SQL, PHP, JavaScript

Web & Data: HTML, CSS, JavaScript, React, PHP, MySQL, phpMyAdmin, API development

Systems & Cloud: Linux Ubuntu, WSL Ubuntu, BASH scripting, CRON automation, AWS, Docker, Nginx VIM/NANO text editors.

Software Engineering: Selenium, Blender, Unity Game Engine Developer Kit, Digital and Graphic Design (GIMP). VS Code, Eclipse, Android Studio, Notepad++

Tools: MySQL Workbench, Jira, UML Design, Draw.io Flowchart Design, Open Broadcast Software (OBS)

Teaching-Relevant Knowledge: Data Structures, Analysis of Algorithms, Discrete Mathematics, Mathematics of Computer Science, SSH protocols.

SELECTED COMPUTER SCIENCE PROJECTS

Enterprise Resource Planning (ERP):

Aug-Dec 2025

Document Management System

PHP | MySQL | Linux | Nginx | AWS | API Development

- Designed a full-stack document-management application hosted on an AWS Linux server, using PHP, MySQL, and Nginx.
- Built an API workflow to receive scheduled document batches from a simulated banking system, store records, and query operational data.
- Created a web dashboard for management-level statistics and applied Linux administration, scripting, logging, testing, and debugging.

Project: [Live AWS-hosted dashboard](#)

Frontend E-Commerce Web Application

Jan-May 2025

JavaScript | React | Web Development

- Collaborated on a functional e-commerce application using JavaScript and React, developing interactive front-end components and debugging application behavior.
- Applied component-based design and team development practices to connect core programming concepts to a working user-facing application.

Demo: [E-Commerce Demo Video](#)

Unity Game Development Demo

Jan-May 2025

Unity | C# | Object-Oriented Programming

- Developed an interactive Unity game demo in C#, implementing game logic, object behavior, user interaction, and event-driven programming.
- Applied object-oriented programming to organize reusable game components and behaviors.
- Developed and animated unique 3D models and objects using Blender Design Tools.

Demo: [Unity Game Development Demo Video](#)

PROFESSIONAL EXPERIENCE

Southern Glazer's Wine & Spirits - Sales Consultant

Jan 2012-May 2021

- Managed long-term retail account relationships and presented product information and recommendations to clients with different needs and levels of product knowledge.
- Adapted communication to different audiences while coordinating with sales assistants, account personnel, and management to meet goals and resolve client needs.
- Managed competing priorities, account visits, product placements, schedules, and follow-up responsibilities in a results-driven environment.

JW Marriott San Antonio Hill Country Resort & Spa

Aug 2010-Aug 2011

- Provided high-level guest service in a large resort environment by assisting with luggage, transportation, directions, and guest requests.
- Communicated with guests from a wide range of backgrounds and adapted service to individual needs and situations.
- Coordinated with front desk, valet, concierge, and other resort departments to resolve guest needs efficiently.