Matthew Carvajal

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EDUCATION

University of Central Florida | **December 2025**
Bachelor of Science in Computer Engineering | *Current GPA: 3.0*

SKILLS

Programming Languages: C, Java, Python, Swift, SQL, C++, PHP
Software Tools / Libraries: VS Code, Arduino, Linux, Xcode, IntelliJ, Git/GitHub, OpenGL, Jupyter Notebook, SwiftUI, MATLAB, SwaggerHub API, AWS Lightsail, Code Composer Studio, Unreal Engine 5
Languages: English, Spanish

PROJECTS

Contact Manager Website ⬈ | **August 2024 − October 2024**
* Collaborated in a team of **5** to design an online contact manager using **Amazon AWS Lightsail** and **SwaggerHub API**.
* Developed a high-performance API and back-end using **PHP**, significantly enhancing website speed and responsiveness.
* Created a user friendly application that implemented the **CRUD** (create, remove, update, and delete) operations that allowed each user to have their own contacts in an **SQL** database.

War Card Game iOS App | **October 2024**
* Developed an independent card game app using **Swift** and **SwiftUI**, to create the classic game of **War** to enhance programming skills and understanding of **iOS development**.
* Designed and implemented a **user-friendly interface** that allows players to easily deal cards and track scores, providing an entertaining and seamless user experience.
* Utilized **randomization algorithms** to ensure fair and unpredictable card dealing, constantly keeping the user engaged.

Real-Time Clock using MSP430FR6989 | **April 2024**
* Programmed a real-time clock using a **MSP430FR6989 microcontroller** in the programming language **C**.
* Utilized concepts of **polling and button/timer interrupts** to set and fast forward the clock on an LCD screen.
* Implemented **up and continuous mode** to achieve precise clock ticking every second at a frequency of **32 kHz**, enhancing system accuracy and performance.

Personal Gaming Computer Developer | **June 2017 − Present**
* Constructed several gaming computers while learning how to **troubleshoot** issues.
* Gained comprehensive knowledge of compatibility across **Windows, Linux, and macOS** systems, including various processors and GPUs, significantly improving troubleshooting skills and overall technical expertise.
* Achieved remarkable benchmarks using **Cinebench** and **Heaven Benchmark** to validate overall performance.

PROFESSIONAL EXPERIENCE

Best Buy | *Orlando, FL*

Geek Squad Consultant Agent | **May 2024 − Present**
* Provided expert technical support to **50+ clients per week** by resolving hardware and software issues efficiently, resulting in a **98%** customer satisfaction rate.
* Conducted in-depth diagnostics and repairs using **MRI** on a variety of electronic devices, including computers, smartphones, etc., boosting diagnostic accuracy by **40%.**
* Implemented process improvements that reduced average repair time by **30%**, increasing overall efficiency.

Microsoft Copilot Specialist | **May 2024 − August 2024**
* Successfully represented Geek Squad during a special event, focusing on selling Microsoft Copilot PCs, boosting back-to-school computer sales by over **50%**.
* Achieved a sales target of **80 units** of Microsoft Copilot PCs within a span of **4 months**, contributing to a **50% increase** in overall sales.
* Effectively attached Geek Squad Services to **70%** of Microsoft Copilot PC sales, enhancing overall customer satisfaction and service revenue.

Professional Computer Sales Associate | **May 2023 − May 2024**
* Simplified complex technical information, making it accessible and understandable for customers, leading to **90%** higher customer satisfaction and confidence in their purchases.
* Achieved a basket attachment goal of **$120** per sale, boosting overall store and team revenue.
* Engaged with **70+** customers daily, building strong relationships and ensuring a positive shopping experience.

EXTRACURRICULAR ACTIVITIES

Society of Hispanic Professional Engineers UCF | *Member* | **August 2024 - Present**
* Collaborated with other members to empower each other in order to enhance our futures in the engineering field.
* Trained with others to develop connections and interpersonal skills with projects and workshops.