Kevin Pugliese

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EDUCATION

Bachelor of Science in Computer Engineering   *May 2027*
Minor in Entrepreneurship
University of Florida Honors Program | Gainesville, FL   *GPA - 3.72*
    Relevant Coursework: *Data Structures and Algorithms | Operating Systems | Digital Logic & Computer Systems | Circuits | Computational Linear Algebra | Intro to SWE | Divergent Thinking*

PROJECTS

GraphUF (Web App) | *Flask, Git, GitHub, Nginx, Python, Bash*
- Supplemented UF course catalog with Flask web app to explore transitive course unlocks
- Collaborated with two teammates, handling Git merge conflicts, pull requests, and code reviews
- Processed 8M+ unique data points by scraping and cleaning UF Courses API
- Created transitive closure map of 80k node DAG to achieve O(1) retrieval of reachable nodes

tModLoader (Open Source Contribution) | *C#, GitHub*
- Authored and merged a PR to the official tModLoader repository (10M+ downloads)
- Independently fixed a C# rendering bug that caused some objects to appear misaligned

Remote LCD (IoT Device) | *Tailscale, RaspberryPi OS, SSH, Python*
- Connected a Raspberry Pi Zero 2W to 1602 I2C LCD to enable serial data transfer to display
- Programmed scripts using Arduino IDE to display ASCII and custom characters on the display
- Enabled long-distance SSH from any device using Tailscale Mesh VPN
- Modeled and 3D printed PLA device housing to safely expose LCD and Micro USB power/data port

Battery-Powered Remote LED Switch (Microcontroller Project) | *ESP32, ESP Rainmaker, C*
- Used 100mAh lithium polymer battery to enable charging and discharging via USB-C
- Optimized hibernation and duty cycles; achieved 12-hour battery life with <1s response time
- Implemented ESP Rainmaker to enable global access to GPIO and manage Wi-Fi connectivity

Foodcast (PWA) | *Java, Springboot, React*
- Served as Project Manager, guiding design choices for an independent software engineering team
- Leveraged the Walmart Partner API to power user-friendly item searching
- Implemented threading to speed up search query response time by 13x on average

WORK EXPERIENCE

Technical Specialist / AI Data Annotator   *December 2025 - Present*
Handshake AI Solutions, Remote
- Evaluated large volumes of photo, video, audio, and textual LLM output with high accuracy
- Designed multistep tasks in Blender and KiCad using proprietary model evaluation tools
- Collaborated directly with client stakeholders to clarify requests and ambiguities

Back of House Team Member   *January 2024 - August 2025*
Chick-fil-A, New Port Richey, FL
- Ensured menu items were prepared to Chick-fil-A's quality and safety standards

CERTIFICATIONS

GIAC Foundational Cybersecurity Technologies Certification   *August 2023 - August 2027*
- Core Computing Components: Hardware, Virtualization, Networking, Operating Systems, Web, Cloud, Windows and Linux
- Security and Threat Landscape: Exploitation and Mitigation, Forensics and Post Exploitation

SKILLS

    Languages: C++ | Python | Java | C | JavaScript | ARM Assembly Language | C#
    Tools: Git | Linux | Jira | Microsoft Office Suite | Bash
    Prototyping: 3D Printing | 3D Modeling | UltiMaker Cura | Fusion 360 | Onshape | KiCAD