**Abel Ureste**

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**SUMMARY OF QUALIFICATIONS**

* Experienced in developing software using widely adopted industry technologies
* Knowledge of networking protocols and how to implement the CIA triad
* Skilled in team building and management with demonstrated success

**EDUCATION**

**University of North Georgia, Cottrell College of Business** Dahlonega, GA

*Bachelor of Science, Computer Science* Expected Graduation: July 2025

*Bachelor of Science, Cybersecurity* Expected Graduation: July 2025

**RELEVANT COURSEWORK**

Data Structures and Analysis of Algorithms, Networking and Communications, Computer Organization/Architecture, Reverse Engineering, Databases

**TECHNICAL SKILLS**

**Programming Languages**: Java, Python, HTML, CSS, SQL

**Systems**: Windows, Linux, Unix

**Database**: MySQL

**Technologies**: Git, SQL, Docker, Figma, Flask, Wireshark, Ghidra, MS Teams/Excel/Word

**PROJECT EXPERIENCE**

**Raspberry Pi E-Ink Picture Frame,** *Hardware Programming*

* Created a sleek picture frame with E-Ink display powered by a Raspberry Pi to display family pictures
* Designed and 3D printed the picture frame in CAD
* Used Flask and Python to allow users to configure the picture frame directly from the local network
* Implemented hardware drivers alongside code

**Home Lab,** *Networking*

* Built a server rack using 3D printed rails/shelving, a gigabit switch, Raspberry Pis, and a Dell OptiPlex Micro
* Use Pi-Hole as a DNS server to filter DNS queries and block ad-serving/tracking domains on the network
* Use the OptiPlex as a Proxmox server to experiment with Linux VMs (such as Kali) and containers

**Bar Website,** *Web Programming*

* Developed a website to establish local bar's online presence
* Utilized HTML, CSS, and the Tailwind CSS framework to streamline development
* Allow customers to view bar information before visiting and access vital contact details
* Contributed to hiring new employees and the growth of bar’s social media accounts

**Personal Portfolio,** *Web Programming*

* Built a personal website to showcase project writeups and display contact information
* Used HTML, CSS, and the Bootstrap framework to develop a dynamic website on all devices
* Prototyped website design and interfaces on Figma to achieve final layout

**ADDITIONAL EXPERIENCE**

**Sake Mama** Athens, GA

*Manager*December 2022 - Present

* Maintains inventory and schedules employees
* Establishes customer relationships to gain repeat business
* Contributes to setting record annual revenue numbers year after year