Vincent Dang

✉ vdang1120@gmail.com ● 📱 (682) 408-8657 ● 🔗 linkedin.com/in/vdanguta

vincentdang.com ● ☉ github.com/vdang1120

EDUCATION

The University of Texas at Arlington   December 2026

*Bachelor of Science in Computer Science | GPA: **3.67***

- **Relevant Coursework:** Algorithms & Data Structures, Object-Oriented Programming, Discrete Structures, Computer Organization & Assembly
- **Involvement:** Association for Computing Machinery **(ACM)**, Society of Asian Scientists and Engineers **(SASE)**

TECHNICAL SKILLS

- **Languages:** C/C++, Python, Java, JavaScript, SQL, HTML/CSS | **Frameworks:** Flask
- **Developer Tools:** Linux/Unix, Git, Github, MySQL, Visual Studio Code

PROJECTS

visionpalacetx.com | *JavaScript, MySQL, SQL, HTML, CSS*

- Developed and designed a full professional website for a local optometry practice business, accruing over **5,000** unique users.
- Created a custom contact form with live input validation and secure form submission using **Web3Forms Email Service API**.
- Building a comprehensive eyewear product catalog using **MySQL/SQL** to manage and display product details.

Bau Cua Game | *Flask, Python, JavaScript, HTML, CSS*

- Developed a full-stack interactive web application that simulates a traditional gambling game, incorporating a frontend user interface with backend game logic using **Python/Flask.**
- Utilized both client-side **(JavaScript)** and server-side **(Python)** functions to calculate and display game scores and results.

Alarm System | *C, Breadboard, Raspberry Pi*

- Constructed an electronic **breadboard circuit** and implemented **C programming** on a **Raspberry Pi** to create an effective alarm system.
- Incorporated software and hardware together by integrating various electronic components, including LEDs, a buzzer, and a PIR motion sensor to achieve desired functionality.
- Demonstrated an ability to translate conceptual design into tangible, practical solutions with real-world application.

WorkLogger | *C*

- Developed a console-based productivity tool program in **C** to log and calculate hours worked on extracurricular programming practice and projects.
- Implemented file handling **(I/O)** to categorize work hours by date and by project, and to retrieve and display total project work hours.

Weather App | *Flask, Python, HTML, CSS*

- Developed a web application using **Python/Flask** integrating **OpenWeatherMap API** to return current weather conditions in any location.
- Designed a unique, responsive user interface to neatly display weather information across various devices and browsers.