Kushal Dhakal

Kushald592@gmail.com | (407) 446-8467 | Oviedo, FL | github.com/Dhakal-Kushal

PROJECTS

Front-End Web Projects - HTML, JavaScript, CSS

- Custom Start Site - Start page featuring bookmark bar, embedded google search bar, and dynamic photo gallery.
  - https://dhakal-kushal.github.io/LandingWeb/
- Portfolio Site - Responsive portfolio site to showcase personal projects with accordion style UI, optimized performance with lazy loading for gif demos, and Consistent visual design.
  - https://dhakal-kushal.github.io/Portfolio-Site/

Hotkey Counter — C, win32

- Built GUI to monitor hotkeys using Win32 API with background multi-threading.
- Logged key press counts to a file (counter.txt) for persistent tracking.

Real Time Pitch Detection Tool - Python, Numpy, PyAudio, Aubio

- Python application to capture live audio input and perform real time pitch detection.
- Optimized performance to achieve < 100ms latency in continuous audio streams.

EDUCATION

University of Central Florida   **May, 2027**

B.S Computer Science   *Orlando, FL*

- Passed Computer Science Foundation Exam, showing mastery in Data structures, Algorithms, Computer Organization, Statistics, and Systems Software.
- Group Projects
  - Developing components of a compiler including a lexer (Flex), parser (Bison), and code generator. Designing grammar rules token definitions and translating high level constructs into intermediate code.

SKILLS

Skills: Data Structures, Algorithms, Web Development, App Development, Git, VsCode.

Languages: C, C++, C#, Python, Java, JavaScript, HTML, CSS.

WORK EXPERIENCE

Target Corporation   **March, 2023 - Present**

Front of Store Attendant

- Managed transactions and provided customer support in a fast-paced environment.
- Collaborated with team members to ensure efficient store operations.