DYLAN J VIDAL

Aspiring Software Engineer

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Portfolio | **Linkedin** | **GitHub**

EDUCATION

University of Central Florida　　　　　　　　　　　　　　　　　　Orlando, Florida
Bachelor's Degree Computer Science　　　　　　　　　　　　　　August 2023 - May 2027
GPA: 4.0

Broward College　　　　　　　　　　　　　　　　　　　　　　　　Davie, Florida
Associate of Arts Computer Science　　　　　　　　　　　　　　August 2020 - May 2023
GPA: 4.0

College Academy at Broward College　　　　　　　　　　　　　　Davie, Florida
High School Diploma Computer Science　　　　　　　　　　　August 2021 - June 2023
GPA: 4.0

EXPERIENCE

Broward Health Medical Center | Lead Senior Volunteer　　Fort Lauderdale, Florida | June 2021 - August 2022
- Overhauled the hospital-wide phone systems in a full-scale hardware update as instructed by the IT department, including distribution and installation.
- Maintained the hospital's phone network for my time volunteering.
- Provided training for all new student volunteers at orientation and on the floors.

SKILLS

Programming Languages:	Python, C++, Bash, HTML, CSS, JavaScript
Libraries/Frameworks:	Pygame, Tkinter, openpyxl, pandas
Tools / Platforms:	Github, VSCode, Code::Blocks

PROJECTS / OPEN-SOURCE

Personal Portfolio | Link　　　　　　　　　　　　　　　　*HTML, CSS, JavaScript*
- Designed, created, and implemented a from-scratch website to demonstrate my skills, experience, and goals to future employers and colleagues. Hosted on Github Pages.

Dungeons and Dragons NPC Generator | Link　　　　　　　　　*Python, Tkinter*
- Developed a tool for the game Dungeons & Dragons idea generation.
- Written in Python using the Tkinter library GUI for ShellHacks 2023.

TicTacToe AI | Link　　　　　　　　　　　　　　　　　　　　　　*Python*
- Developed a simple replica of the game TicTacToe, and integrated it with a minimax artificial intelligence algorithm.
- Utilizes object-oriented programming practices, as well as function recursion and two-dimensional array management. Written fully in Python.

Wordle Replica | Link　　　　　　　　　　　　　　　　　　　　　*C++*
- Developed a low-tier replica of the popular game Wordle from the New York Times.
- Utilizes complex methods such as object-oriented programming practices, UML diagram construction, two-dimensional arrays, random file access methods, and dynamic memory allocation.

CERTIFICATIONS

- Advanced Python - **LinkedIn Learning**
- Using Python with Excel - **LinkedIn Learning**
- Python GUI Development with Tkinter - **LinkedIn Learning**