

# Dylan J Vidal

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## 🎓 EDUCATION

### University of Central Florida

Bachelor's Degree in Computer Science

Aug 2023 – May 2027  
Orlando, Florida

- Activities: Burnett Honors College, Competitive Programming Team, KnightHacks Software Development Club
- GPA: 4.0

### Broward College

Associate of Arts in Computer Science

Aug 2020 – May 2023  
Davie, Florida

- Activities: Bob Elmore Honors College, inTech
- GPA: 4.0

## </> PROJECTS

### Project Wildspace Web | React, Next, TailwindCSS, SQL, tRPC, TypeScript, LangChain 🔗

Nov 2023 – Present

Personal Project

- Recreated and expanded upon Project Wildspace Desktop by making a SaaS web application.
- Enforced user-authentication and security using Kinde Auth.
- Queried an SQL database for standard CRUD operations.
- Deployed subscription plans using the Stripe API for higher tier generations and rate limits.
- Leveraged the power of OpenAI GPT and Dalle models using Langchain interfacing.

### Project Wildspace Desktop | Python, Qt Creator, LangChain, Inno Installer 🔗

Oct 2023 – Nov 2023

KnightHacks 2023 Hackathon - University of Central Florida

- Directed a team of 2 developers in assembling of a Generative AI tool produced to assist in fictional worldbuilding.
- Constructed the UI using the Qt Creator, and implemented AI functionality with LangChain.
- Designed a landing page website for download, gaining 50 users in the first week.

### UCF Campus Events Discord Bot | Python, Nextcord, Selenium 🔗

Oct 2023 – Oct 2023

Personal Project

- Created a Discord Bot using Python that executes a daily web-scraping process of the Campus Event Board website using Selenium and embeds the events in a designated channel.
- Deployed to an official campus discord server with 1000+ members interacting with the bot and hosted on a Raspberry Pi to ensure 24-hour uptime.

### Wordle Replica | C++, Qt Creator 🔗

Aug 2023 – Sep 2023

Personal Project

- Recreated the Wordle game from The New York Times using a Qt Creator Graphical User Interface.
- Implemented object-oriented programming practices, resulting in a reduction of software bugs and increased overall system stability and performance.

## 📁 EXPERIENCE

### Web Developer | Freelance

Dec 2023 – Present  
Orlando, Florida

- Consulted with various local businesses throughout Central and South Florida
- Advised the design, implementation, and deployment of various websites according to client needs.
- Partnered with 5 establishments ensuring webpage upkeep and maintenance.

### Lead Volunteer | Broward Health Medical Center

Jun 2021 – Aug 2022  
Fort Lauderdale, Florida

- Overhauled the hospital-wide phone systems in a full-scale hardware update as instructed by the I.T. department, including distribution and installation of over 250 network phones.
- Provided training for over 20 new student volunteers at orientation and heightened their involvement and efficiency as volunteers.
- Guided guests throughout the hospital and distributed food to patients while working in the Guest Services Department

## { } SKILLS

- Programming Languages: Python, C++, C, Java, HTML, CSS, JavaScript, TypeScript, SQL
- Libraries/Frameworks: React, Next, Tailwind, tRPC, Prisma, Qt, LangChain, Pyside6, Selenium, Nextcord, Tkinter, Pygame, openpyxl, pandas
- Tools/Platforms: Vercel, Qt Creator, Github, Inno Installer, Raspberry Pi, VSCode, Code::Blocks