

Sean Onamade

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EDUCATION

Vanderbilt University

Bachelor of Science in Computer Science (GPA: 3.5) Dean's List 2022 - Present

Nashville, TN

Expected May 2025

TECHNICAL SKILLS

Programming Languages: HTML & CSS, Javascript, C++, Python, R

Software and Frameworks: Git, React, Firebase, Jupyter, Vite, Excel, Canva, Wordpress, Tailwind, Adobe Lightroom

PROJECTS

GalleryPro (React, HTML, CSS, Javascript, Vite, Firebase)

- Created a [streamlined photo-sharing application](#) for high-quality photography, with a minimalistic user interface and infinite scroll functionality with user-generated photos
- Leveraged GitHub for version control and collaborative coding
- Utilized React for building the minimalistic, dynamic frontend; utilized Firebase for secure user authentication and Firestore for scalable backend data management
- Integrated Unsplash and Flickr APIs for generating user-generated photos for the infinite scroll functionality
- Designed the UI using components from the Daisy UI library to create a sleek, appealing interface

Dot-ify, Music Player Application (HTML, CSS, Javascript)

- Created a music player application with pause/play functionality, volume control, dynamic playback options, error-handling, and minimalistic UI

Hindi Acquisition through Deep Learning (Python)

- Worked with [Vanderbilt Data Scientists](#) to use large language models and Hindi newspaper articles to generate Hindi vocabulary lists and train models for adaptable, modernized language education
- Developed a Python program in JupyterLab with OpenAI's API to test prompts (generating subject-specific vocabulary lists in different contexts) and store results as JSONs
- Engineered prompts to test the accuracy of various models; documented findings using Google Sheets and presented to the Data Science Institute

WORK EXPERIENCE

The Vanderbilt Hustler

Nashville, TN

Digital Director

Sept 2022 – Present

- Oversee the maintenance and enhancement of the school newspaper's website, optimizing functionality and appearance
- Format and tailor weekly digest emails sent to 35.7 thousand subscribers
- Authored [three articles](#) and contributed dozens of published photographs covering Vanderbilt events

Kingdom Life Ministries

Calgary, Canada

Web Designer

July 2022 – July 2023

- Created a [website](#) using WordPress facilitating easier access to social programs and services across the city and reaching over 200 visitors; improved the site's accessibility and image through use of plugins (for forms and UI) and Canva (<https://accessitonestopservices.ca/>)

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (MLT)

Remote

Career Preparation Fellow

March 2023 – Present

- Selected among thousands of high achieving applicants to participate in this Career Preparation program focused on professional and leadership development

SEO Tech Developer LITE

Remote

Member

- Completed an intensive computer science curriculum on Codio, developing skills in a wide range of CS topics

CERTIFICATIONS

- Codepath – Intro to Web Development (November 2023)
- Forage - Lyft Back-End Engineering (August 2023)