

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
- Used GitHub for version control and collaborative coding
- Utilized React for building the minimalistic, dynamic frontend, and 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

SkySleuth (HTML, CSS, Javascript, JQuery, OpenWeather API, Google Places API)

- Created a global weather app showcasing temperature, sky conditions, and current time for any city worldwide, integrated with Google Places API for city images

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 / enhancement of the school newspaper's website, optimizing functionality / 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

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)