

# Nicole Huh

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<https://personal-web-nicole-huhs-projects.vercel.app/>

## EDUCATION

### Vanderbilt University

*Bachelor of Arts in Economics and Computer Science*

Nashville, TN

2020 — 2024

- **Cumulative GPA:** 3.68 / 4.0
- **Relevant Coursework:** Quantitative Methods, Algorithms, Programming Languages, Software Development, Operating Systems, Computer Networks, Cloud Computing

## PROFESSIONAL EXPERIENCE

### ICF

*Website Developer Intern*

Remote, Reston, VA

June 2023 — Aug 2023

- Collaborated remotely with a team, working closely alongside Marketing and Creative teams to deliver seamless web solutions.
- Spearheaded the transition of Bootstrap versions, evolving from 3/4 to Version 5, ensuring consistent design and responsiveness across multiple websites.
- Directed Drupal development, overseeing tasks such as creating pages from scratch, troubleshooting issues, conducting accessibility checks, and effectively managing modules, views, webform encryptions, cookies, and other components to elevate user experiences.

### Meiler Lab

*Website Developer*

Nashville, TN

Dec 2021 — May 2024

- Worked closely with the primary programmer for Vanderbilt University affiliated Meiler Lab and one of the Principal Investigators to create a new website showcasing the lab with an intuitive user interface.
- Gained proficiency in HTML, CSS, and the WordPress software by strategically organizing and presenting lab materials to ensure cohesive and effective information display on the website.

### Prime Academy

*Instructor*

Tenafly, NJ

May 2021 — Aug 2021

- Guided middle and high school students in diverse subjects including English, chemistry, biology, math, and test preparation both individually and within groups of up to three students.
- Customized tutoring and instructional methods to cater to the unique requirements of varied client demographics, fostering learning advancement and mastery in numerous students, leading to score improvements, GPA boosts, and increased academic confidence.
- Cultivated strong support networks and bolstered student achievement by engaging with parents, students, and fellow instructors.

## PERSONAL PROJECTS

### Insight Green – ESG Investment Application

*Web Application*

Nashville, TN

2024

- Developed a cloud-based application using Amazon AWS, Docker, and Kubernetes to inform personal investors of ESG considerations, financial data, and ESG discussions, leveraging APIs and web scraping for real-time data processing.
- Designed and implemented an intuitive frontend interface, effectively displaying complex data to assist end-users in making informed investment choices.

### Emotion Color Generator AI

*Python Program*

Nashville, TN

2023

- Developed a Python program using NLP and machine learning to predict emotional content from text input.
- Overcame data imbalance challenges by implementing class weights, ensuring accurate recognition of diverse emotions.
- Applied color theory principles to create a cohesive palette, associating specific colors with each emotion.

## EXTRACURRICULAR EXPERIENCE

### Vanderbilt Taekwondo

*Vice President and Communications Chair*

Nashville, TN

Sep 2022 — Present

- Managed newsletter creation using web design techniques for effective communication, while overseeing internal affairs for task execution and member awareness.
- Fostered collaborations with advisors, clubs, and sponsors, contributing to club growth; co-founded the club, introducing impactful events on campus like the Korean Festival and performance demos.

### Code Ignite

*Active Volunteer*

Nashville, TN

Sep 2020 — Present

- Delivered a Scratch and Python coding curriculum to middle school students in the Nashville Metro Public School District.
- Transformed a traditionally in-person organization into a remote environment by partnering with small teaching groups of three.

### Hosan Taekwondo

*Martial Arts Athlete, Third Degree Master Black Belt*

Fort Lee, NJ

Sep 2009 — Present

- Studied over ten years of intense martial arts training, achieved status of 3<sup>rd</sup> degree Black Belt in eight years, competing in regional tournaments.

## SKILLS, ACTIVITIES & INTERESTS

**Languages:** Fluent in English; Conversational Proficiency in Korean and Spanish

**Technical Skills:** Java, C++, Python, Git, HTML5/CSS/React.js, JavaScript, Drupal/WordPress Development,

**Interests:** Playing clarinet in orchestra; Local church choir; Ultimate frisbee; Choreographed dance; Community service