

Nicole Welsh

Madison, WI

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SKILLS

Programs: Most proficient: Java, C, HTML, CSS, JavaScript, Python, Scratch. Familiar: C++, C#, Unity, SQL, BlueJay, App Inventor, Visual Basic, Snap.Berkeley, Game Maker, Bash, Vim, Emacs
Applications: Adobe Illustrator, Adobe Photoshop

PERSONAL PROJECTS

Personal self-taught website coded in HTML, CSS, and JavaScript: <https://nwelsh.github.io/>

Using Codecademy to continue learning with languages such as Python and C++, personal lessons, and projects on GitHub

Website made for my Coding4Youth students that contains their lessons, homework, and projects

WORK EXPERIENCE

The Prep Center - *K-12 Tutor*

08/21 - PRESENT

- Tutor for K-12 students in mathematics and language arts

Coding4Youth - *K-12 Instructor*

05/21 - PRESENT

- Taught K-12 students coding languages such as HTML, CSS, and Scratch
- Taught Language Arts courses to 3rd - 8th graders

COMMUNITY SERVICE/EXTRACURRICULAR

Coding For Good - *Executive Board Member*

- A programming volunteering club through UW - Madison
- Spring 2021 project was creating a fluid intake app for the UW-Madison hospital
- Executive board member: bi-weekly meetings, advertising/social media team

Girls Who Code

- Weekly meetings, hackathons

EDUCATION

University of Wisconsin - Madison, Madison, WI

09/2019 - 05/2023

Bachelor of Science: Computer Science, Certificate in Mathematics, Certificate in Studio Art