

Nellie Nelson

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Web developer with a passion for improving the user experience.

Skills Summary

Languages

JavaScript, HTML,
CSS, SQL, Python

Technologies

Git/GitHub, MySQL,
MongoDB, NodeJS

Libraries and Frameworks

jQuery, React, Express

Education

The University of Arizona (2014-2019)

B.A. in Psychology (Minor in Mathematics and Technology)

- President of Mock Trial at the University of Arizona, lead the program to place 6th nationally.
- Tutored undergrad students in College Algebra and Calculus.
- Introduced to web development, Python, R, and algorithms.

The University of Arizona Full-Stack Bootcamp (2019-2020)

Certification in Full-Stack Web Development

- Created responsive, progressive web apps using the MERN stack.
- Competed in the 2020 Hack Arizona and created ShadeWays with other beginner hackers.
- Graduated top of class.

Work Experience

UA Psychophysiology Lab (2014-2018)

Research Assistant

- Processed noise from large volumes of EEG, and fMRI data. ([RegEx](#), [MATLAB](#))
- Designed databases to store subject survey and physiological response data. ([SQL](#), [MS Access](#))

Southgate Academy (July-October 2019)

Long-Term High School Mathematics Teacher

- Taught Algebra I, Geometry, Algebra II, and Consumer Mathematics to over 100 students.

Projects

nellienelson.com

Portfolio website constructed using SVGs and pure CSS styling.

([React](#), [Webpack](#))

ringsTrue

A News Network rating app that anonymizes articles for critics to rate their reliability.

([MongoDB](#), [Express](#), [React](#))

ShadeWays

A web app that calculates the amount of shade along a walking path.

([REST APIs](#), [Python](#), [Flask](#))

Source code at github.com/WhoaNellie