

Harris Mowbray

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harrismowbray.com

Builder and programmer who knows how to turn messy ideas into working products. Experienced in breaking down technical problems, talking with stakeholders, and keeping projects on track. Known for clear communication, practical problem-solving, and actually delivering results.

Skills

Fluent with HTML/CSS/Javascript. Experienced with Node.js, React, and Redux applications. Experienced with Python as well as SQL, Ruby, Java, and C++. Experienced in internationalization, localization, Unicode, UI/UX, and graphic design. Native English speaker, fluent Spanish speaker, and proficient in Portuguese.

Projects

Braille for Minority Languages Project

2021-present

Developed Braille alphabets for dozens of languages around the world, several of which have already been accepted in their respective nations. This effort has been featured on the news in twenty different countries.

Work Experience

Ponca Tribe of Nebraska

Remote

Contractor

Autumn 2023-Spring 2024

Worked to develop an online dictionary for the Ponca language as well as keyboards to accurately type their new orthography.

Osage Nation

Remote

Contractor

Autumn 2020-present

Created a JavaScript program which converts text between the Latin alphabet and Osage alphabet. Designed and programmed from scratch the first-ever online dictionary and thesaurus for the endangered Osage language. Performed archival research on the history of the Osage language and helped develop teaching materials.

Ukrainian Historical Global Initiative

Remote

Contractor

2025

Developed a website to help Polish people learn the Ukrainian alphabet, and to help Poles and Ukrainians learn the Yiddish alphabet.

Pluto TV

Sunnyvale, CA

Programming Assistant

Summers 2017-2019

Utilized Selenium and Ruby for automated browser testing to find issues with the desktop site. Created a data parsing program from XML and JSON for a prototype of an internal project. Worked with React to diagnose issues that came up during cross-browser optimization. Built applications for the company's internal website with Can.js.

Education

American University, School of International Service

Washington, DC

BA in International Studies

Graduated: May 2022

Concentration on European politics and global governance.

Speaking Engagements

Guest lecturer: Columbia University, Tecnológico de Monterrey, World Uyghur Congress