Bailey Fern

Software Engineering

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CORE COMPETENCIES

- HTML
- CSS
- MongoDB
- Express
- React
- Node
- JavaScript
- Git/GitHub
- Postman
- Google Docs/Classroom
- Microsoft Office
- Seesaw
- Intermediate Spanish

EDUCATION

SOFTWARE ENGINEERING CERTIFICATE
MERN Stack
PerScholas/Activatework

MASTER'S DEGREE
Elementary Education with Montessori Emphasis
Whitworth University

MONTESSORI ELEMENTARY DIPLOMA
AMI (Association Montessori Internationale) Diploma Ages 6-12
Montessori Northwest

BACHELOR'S DEGREE
Elementary Education with Multicultural Emphasis
University of Northern Colorado

PROFILE

Experienced Montessori educator with 7 years of experience, transitioned to a full-stack software engineer. Seeking to utilize the latest technologies as a full-stack software engineer to develop resources that support the growth and evolution of the Montessori community. Passionate about using Educational Technology to educate the public about the benefits of Montessori education.

EXPERIENCE

Elementary Educator
Academia Ana Marie Sandoval | Denver, CO | 2020-2022

- Developed a HTML/CSS website with student friendly language to help them understand a topic with more clarity
- Created an independent reading curriculum through the use of computer skills, Orton-Gillingham and Montessori to help students learn how to read
- Adapted the public school standards set by Denver Public Schools to the Montessori curriculum by researching best practices and referencing training received as a Montessori teacher
- Collaborated with other teachers to ensure the educational program ran smoothly by exchanging ideas and community support
- Assessed and collaborated with students, their families and the school community to support student learning

Early Childhood Educator/Elementary Educator
Compass Montessori| Golden, CO | 2015-2020

- Implemented online teaching using tools such as Seesaw, Google Classroom, and Zoom during a global pandemic
- Mentored teachers in need of Montessori training by meeting with them on a weekly basis and remaining available for any questions.
- Exceeded expectations with the amount of work required by doing individual projects shared with the elementary team, including mapping the Montessori curriculum to the standards.
- Studied educational materials created during Montessori training to further understand the art of teaching and support a community of learners, both peers and students