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10039 Eagle Pass
Stanwood MI 49346

Mission:

To use a balanced understanding of performance optimization, game design, and interface design to makes tools fun and empowering.

Skills

Computer Science

Python
C++
HTML & CSS/SASS
AFrame (Web VR)
Javascript
SQL
Flask
ReactJS
Git

Design

Photoshop
Illustrator
Adobe Animate

User Testing

Languages

Italian
Spanish (Basic)

Education

University of Michigan, School of Information

Bachelor of Science in Information, UX Focus.

Computer Science Minor. GPA - 3.77

James B. Angell Scholar, University Honors

University of Michigan, Study Abroad

Studied Italian language and culture.

Ferris State University

Dual-enrollment. GPA - 3.9

Ann Arbor, MI

April 2019

Ferrara, Italy

2016

Big Rapids, MI

2013 - 2015

Work Experience

Computer Science Teacher

The Roeper School

Develop original curriculum for gifted students, teaching full-stack development and design along with best practices for industry success.

Birmingham, MI

2018 - 2019

Research Assisstant I

Center for Healthcare Engineering and Patient Safety

Designed interfaces for medical devices. Developed full stack applications from wireframes to web apps, improving hospital operations with clinical collaborators.

Ann Arbor, MI

2018

Science of Information Instructional Assistant

University of Michigan

Collaborated with staff team to teach introductory programming class. Facilitate student understanding of REST APIs, data usage, and Python semantics.

Ann Arbor, MI

2018

Engineering Apprentice II

DENSO DIAM

Developed in conjunction with image recognition system to label, augment data, and train models. Managed volunteer interactions of international HCI study.

Southfield, MI

2017

Academic Projects

XRSS & XRWeb

Independent study to explore potential solutions for future equivalents of AR/VR CSS using AFrame.

2019

Fooya! Capstone Project

Collaborated with FriendsLearn, Inc. to optimize UX of gameful digital therapeutic with validated research and modernized, cohesive design standards.

2019

Extracurricular and Volunteer

College Volunteer Facilitator Corp

Facilitate debriefs and create original curriculum to foster student leadership. Greatly expanded group outreach with social media initiative.

Lansing, MI

2015 - 2019