Alpha Presentation
Review Aggregator for Educational Programs

The Capstone Experience

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Project Overview

• Malleable Minds is an emerging startup building the world’s most extensive directory of PreK-12 educational programs

• The web application allows parents and educators to create and read reviews on educational programs

• We will be optimizing site performance and adding additional features on top of the existing review aggregator
System Architecture

Back-end

Front-end

Database

User Activity Dashboards

Authentication

User

Web Application

Malleable Minds

okta

JavaScript

React

Flask

Python

amazon RDS

Metabase
Malleable Minds Homepage

Arts
Find art classes in your area. Art programs allow your child to express themselves through painting, music, literature, dance, and more.

Finger Painting
Sculpting

This Fall
Program Page

The Harmony Project
CREATE Art Center
Los Angeles, California, United States

Grade Level: K-12
Program Type: Full Year
Cost: $0
Scholarship Available: No
Remote: Yes

More Details

Reviews

Parent Rating

Educator Rating
Liked Programs

Beam Discovery
Dance Exchange
Los Angeles

Parent Rating: 5
Educator Rating: 5

Camp Audubon Adventures
Audubon Naturalist Society
Chevy Chase

Parent Rating: 5
Educator Rating: 5

GirlsBuild Challenge
For Love of Children
Los Angeles

Parent Rating: 5
Educator Rating: 5

The Summer Institute in Science Technology, Engineering Research (SISTER) Program
The National Society of Black Engineers (NSBE)
Parent Profile Page
User Activity Dashboard
What’s left to do?

• Improve search functionality in AWS OpenSearch
• Recommendation engine implementation
• Skill tree system for users to track progress
• Status feature for users
• Optimize React user interface
Questions?