Sai Machiraju

CONTACT

PHONE:
425-736-4163

WEBSITE:
interactivechemistry.org (chemistry projects)

saimachi.github.io

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EDUCATION

Laguna Beach High School
August 2019-June 2023

In addition to my coursework, I am currently building Unity chemistry simulations to assist the chemistry department.

Microsoft Certified: Azure Fundamentals | Issued December 2020 |Badge

Microsoft Technology Associate: Database Administration Fundamentals |Issued February 2020 | Badge

Microsoft Technology Associate: Introduction to Programming Using Python | Issued May 2019 | Badge

WORK EXPERIENCE

Solliance | Junior Software Developer
August 2020-Present

Creating training material about Microsoft Azure technologies. My work includes MCW training labs (microsoftcloudworkshop.com) and blog posts. I discuss the Azure SQL platform, cloud-native applications, and leveraging the cloud to build and serve machine learning models.

LBHS | Simulation Developer
January 2020-Present

Designing Unity-based simulations to teach chemistry concepts. Projects include an ionic reaction simulator, a molecular-level model of solubility, and more.

Doggone.info | Web Application Developer
Dec 2019-January 2020

A simple web app designed to help prospective dog owners find dogs to adopt. Key technologies used include MongoDB (NoSQL database), Node.js, jQuery, and Heroku.