

Sai Machiraju

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Summary

I am a freshman at Laguna Beach High School. I enjoy building software tools, and recently I developed scientific simulation software and web applications. I am happy to share that I have received two Microsoft certifications, and I am currently studying computer networking, building the foundation for full stack development.

Three values direct my work: researching promising ideas, acting on them, and distributing them to guide others.

Experience



Web Application Developer

1000stepsbeach.com

Feb 2020 - Present (4 months +)

Developing a streaming platform that allows people to stream nature. Their live streams are accessible to users through APIs, and customers with paid plans can move cameras.



Web Application Developer

Doggone.info

Dec 2019 - Jan 2020 (2 months)

Creating an app that allows prospective dog owners to view dogs available in a shelter. Technologies used include NoSQL databases (MongoDB), Node.js to support CRUD operations, jQuery, and serverless platforms (Heroku).

Education



Laguna Beach HIGH School

2019 - 2023

Licenses & Certifications



MTA: Introduction to Programming Using Python - Certified 2019 - Microsoft



Microsoft Technology Associate: Database Administration Fundamentals (MTA) - Microsoft

Honors & Awards



Thurston Middle School Principal's Award - Thurston Middle School

Jun 2019



Joined the IC2020 Team - Laguna Beach HIGH School

Jan 2020

Joined the Interactive Chemistry team, directed by Mr. Steve Sogo.



CCA Distinguished Student Recognition - Laguna Beach HIGH School

Jan 2020

Issued by Ms. Kari Nies, my CCA teacher.



LBHS Breaker Award - Laguna Beach HIGH School

Jan 2020

Received from Mr. Steve Bogusiewicz.