

# Shishir Iyer

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<https://shishir-iyer.medium.com/>  
<https://github.com/shishir03>

## EDUCATION

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UNIVERSITY OF CALIFORNIA - SAN DIEGO

La Jolla, CA

BS - Computer Science

September 2021 - December 2023

**Relevant Coursework:** Intro to Programming, Basic Data Structures, Software Tools, Systems Programming, Discrete Math, Math for Algorithms and Systems

## SKILLS

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Java • Javascript • jQuery • d3.js • C / C++ • Python • Bash • Rest APIs • Go • ARM Assembly • Linux

## WORK EXPERIENCE

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**Math Tutor, Self Employed** - Taught a family friend's son various topics in Algebra II over the summer  
*July 2019 - August 2019*

**STEM Tutor, Self Employed** - Tutored >50 students from grades 6-12 remotely in math, science, and computer science  
*Sep 2020 - Present*

## PROJECTS

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**Spotify Analysis** - Created a website to display audio analysis statistics on a user's top 50 tracks on Spotify  
*August 2022 - Present*  
[https://github.com/shishir03/spotify\\_analysis](https://github.com/shishir03/spotify_analysis)

**Go Caching** - Developed a caching system in Go similar to Redis utilizing consistent hash  
*June 2022 - July 2022*  
<https://github.com/shishir03/go-caching>

**Minecraft Mapper** - Developed a plugin for Minecraft to generate a to-scale model of the Earth  
*Sep 2021 - December 2021*  
<https://github.com/shishir03/MinecraftMapperRemastered>

## AWARDS AND HONORS

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**AIME Qualifier**  
*March 2021*

**USACO Silver**  
*December 2020*

## MISC

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**YCombinator Startup School**  
*June 2022 - August 2022*