

# 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 2024

**Relevant Coursework:** Systems Programming, Advanced Data Structures, Digital Design, Theory of Computation, Design and Analysis of Algorithms, Database System Principles, Software Engineering, Deep Learning, Programming Language Principles, Computer Architecture

## SKILLS

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Java • Javascript • React • Node.js • C / C++ • Python (Pytorch, Pandas, Numpy, Matplotlib) • Bash • Rest APIs • Go • ARM Assembly • Linux • System Verilog • Haskell • SQL • DynamoDB • Spring

## WORK EXPERIENCE

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**Software Engineering Intern, Intuit** - June 2023 - September 2023

- Worked on a data ingestion pipeline for automating security asset reviews with generative AI
- Technologies: Spring, AWS Lambda, DynamoDB

**Data Analysis and Software Development Student Assistant** - February 2023 - June 2023

- Worked on CoralNet, a platform that automatically annotates coral reef images using deep learning
- Designed quality of life improvements that would allow for a more user-friendly experience
- Technologies: Pytorch, Django, Javascript, HTML

**STEM Tutor, Self Employed** - Sep 2020 - Dec 2022

- Tutored >50 students from grades 6-12 remotely in math, science, and computer science

## PROJECTS

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**Flap.js** - January 2023 - Present

- Team lead for Flap.js, software for creating finite state machines developed by UCSD students
- Added support for Moore and Mealy machines, which are useful in digital design
- Technologies: Javascript

<https://github.com/flapjs>

**Spotify Analysis** - August 2022 - Present

- Created a website to display audio analysis statistics on a user's top 50 tracks on Spotify
- Technologies: Node.js, Express JS, d3.js

[https://github.com/shishir03/spotify\\_analysis](https://github.com/shishir03/spotify_analysis)

**Minecraft Mapper** - Sep 2021 - December 2021

- Developed a plugin for Minecraft to generate a to-scale model of the Earth
- Technologies: Java

<https://github.com/shishir03/MinecraftMapperRemastered>

## AWARDS AND HONORS

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**Intuit Scholarship Recipient**

May 2021 - Present