

# Adithya Shanmugam

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Aspiring software engineer currently completing a bachelor's degree in computer science and quantitative economics at the University of California, Irvine. Academically accomplished and proficient in multiple scripting languages and web development. Highly interested in artificial intelligence and machine learning, and their applications in industry.

## Education

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### University of California, Irvine

2018 - 2022

Bachelors of Sciences in Computer Science and Bachelor of Arts in Quantitative Economics - 3.8 gpa

### Software Engineering Courses

Completed courses in Data Structures and Algorithms, Information Retrieval, and Intro to Data Science

## Experience

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### myelth Inc

**Myelth is a healthcare startup that provides consumers with a web application, that empowers consumers with access to electronic healthcare information and high value care**

#### ❖ Web Development + Content Management Intern

March 2020 -

Currently developing myelth's web application for medical providers. Primarily developed a telemedicine video chat feature built on the Twilio backend . Coded using React JS and react redux libraries. Additionally wrote several blog posts about healthcare, and developed various other content for the company website.

### Compare Remit

**Compare Remit is a website that enables consumers attempting to send money overseas to compare money transfer rates between various remittance companies.**

#### ❖ Front End Web Development Intern

July 2019- September 2019

Developed chrome extension to compare international money transfer rates between a pair of countries. Implemented functionality to identify relevant countries from webpage content, contact api's to find better rates, and display information to the user. Coded in js and jQuery.

## Other Projects

#### ❖ AR Mario Bros.

Developed version of Mario Bros game with added capabilities. Implemented functionality to capture webcam images and scan for edges to be used as the surface in the game. Created 2D physics engine to control movements of the player, enemies, and items. Coded in java.

#### ❖ Search Engine

Wrote a Web search engine from the ground up that is capable of handling tens of thousands of Web pages, while running under 256M of RAM and having a query response time under 300ms. Coded in python.

## Skills

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React JS, Python, HTML, CSS, JS, Pandas, Java, C++, SQL, Microsoft Excel

## Interests

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Hiking, basketball, playing guitar, baseball, blogging

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