

# Japneet Singh

<https://japsuchiha.github.io/>

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<https://github.com/japsuchiha>

## EXPERIENCE

### University Of Maryland, College Park

Network Operations Technician

September 2018 - PRESENT

Monitored and maintained school infrastructure using CA Spectrum, ensuring network devices are running properly.

Created tickets and provided over-the-phone assistance to 15–20 staff per week.

Troubleshooted information technology issues, including networking, system/application access, software, and hardware.

### Technica

FrontEnd Developer

April 2018 - PRESENT

Built several components for the Expo app and increased code reusability by 40%.

Worked closely with the backend team to manage database changes.

Reduced calls to database from every page by efficient state management in React.

Brainstormed and built the Expo app UI.

### University Of Maryland, College Park

Undergraduate Researcher

May 2018 - PRESENT

Working on causal analysis of ecological data using information theory techniques.

Using Transfer Entropy, Granger Causality, and CCM to interpret the direction flow in the system and comparing the results of the three methods.

Created data simulations and also cleaned the original data in R.

## EDUCATION

### University Of Maryland, College Park – Bachelor's

August 2017 - May 2021

Major : Computer Science, GPA : 3.65

## SKILLS

Java, C, C++, Python

JavaScript, React, Redux

SQL, Firebase, R, Axios

CSS, SCSS, JQuery

Git, Bash

## Projects

### When's Your Class

Generates a new student schedule based on the timezone you want.

### Leftovers

Calculates BMR and suggests meals for the day. Also suggests what meals you can make with leftovers in fridge.

### FIFA World Cup Notifier

Sent out desktop notifications of live scores.

### Autonomous Vehicle

Avoided obstacles and navigated to the destination and performed chemical neutralization.

## Certifications

Cisco Certified Network Associate (Routing and Switching)