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<https://csmjoshi.github.io>

# Mehul Joshi • Student at UW

I am a motivated student working towards a degree in Computer Science. I have experience with building applications that help people in numerous ways and am currently searching for SWE internships and research positions.

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## Technical Skills:

Flask, Django, JS, Full-Stack Web Development, React, Data Structures, Java, Python, Machine Learning, Computer Vision, Linux and Unix, C++, IOT, Git

## Soft Skills:

Fast Learner, Originality, Creative self starter, and Leadership

## Experience:

**Undergraduate Research Assistant, Seattle Cancer Care Alliance** – *Seattle, WA*

02-2020 – Present

- Developed a real time web application that analyzed medical physics data. I was responsible for the development of the serverside and the frontend of this full-stack web app. **Tools used:** Django, React, mpdl3, Heroku, Python.

**Lead Programming and Math Tutor, Interactive Math Academy** – *Bellevue, WA*

06-2019 – 01-2020

- Explained basic python topics to a wide array of students. Taught content from loops, classes, object-oriented programming, arrays, pygame, and basic IOT.
- Explained basic math concepts from pre-K to geometry.
- Led discussion based classes for K-12 students.

## Projects:

**Water Bender** (<https://github.com/csmjoshi/WaterBender>): Water and track the health of your plants from a simple web interface. **Technologies used:** Nginx server, Raspberry Pi, Flask, Heroku, computer vision API, and dash

**Dofleini Chess** (<https://github.com/csmjoshi/Chess>): Play chess with your friends or a computer. **Technologies used:** Java, Object-oriented programming, and minimax.

**BiblioSearch** (<https://github.com/kylemumma/BiblioSearch>): A flask app that allows library enthusiasts to find their books using computer vision. **Technologies used:** openCV, pytesseract, and photoOCR.

## Hobbies:

UW Intramural Basketball, Paver Designer, MLH hackathon Participant, Basketball Coach, Food Bank Volunteer