

Hritik Aggarwal

UW Computer Science and Engineering 2022

hritikaggarwal.com

hritik@uw.edu

github.com/hritikaggarwal2

EDUCATION

University of Washington, Seattle — *June 2022 Expected Graduation*

WORK EXPERIENCE

Sandeep Garg & Company, Gurugram — *Web Designer and Developer*

AUGUST 2019 - SEPTEMBER 2019

- Creating web app using React that allows easy and efficient management of their daily tasks of scrap collection and user requests.

FutureSoft, Noida — *Full Stack Intern*

JULY 2019 - AUGUST 2019

- Worked on external management solutions for clients using React that enable Shopify users with an enhanced dashboard and catalog editing ability; thereby, improving the user experience.

SabLab, Seattle — *Research Intern*

JANUARY 2019 - PRESENT

- Working at a research lab at the University of Washington administered by Dr. Ramkumar Sabesan.
- Enhanced the User Experience of their website using Webflow.
- Developing image processing technologies by reconfiguring AOSACA software to improve visualization of retinal cell structures and functions.

LEMS, Seattle — *Web Designer and Developer*

FEBRUARY 2019 - MARCH 2019

- Designed and developed the website for Laboratory for Engineered Materials and Structures at the University of Washington using HTML, CSS, and JavaScript.

PROJECTS

Over-Hear, Seattle

APRIL 2019 - MAY 2019

- Created Android app that allows deaf people to understand speech by eliminating sign languages using Google's Speech Recognition and Porcupine API for Voice Commands.
- Awarded Best Wild Card Hack Award at Def Hacks 2019 hosted at Microsoft HQ.

Reson8, Seattle

JANUARY 2019 - FEBRUARY 2019

- Created web app that allows people with inability to speak a means of communication by converting hand gestures to computer-readable text using Myo armband (controlled using Lua) and a Raspberry Pi kernel to control Amazon Echo Dot.
- Won the Best Hack overall and Best Hack Awards by Microsoft, Cisco, and Amazon at Hack WA '19.

LEADERSHIP EXPERIENCE

DubsTech, Seattle — *Web Developer & Mentor*

MARCH 2019 - PRESENT

- Conducted workshops on Computer Programming, Web Development, and User Experience.
- Redesigned the website and fixed design issues to enhance the User Interface.