

Hritik Aggarwal

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Education

University of Washington, Seattle — *2022 Expected Graduation*

- Honors / Awards - Annual Dean's List (2018 - 2019)

Work Experience

SabLab, Seattle — *Research Intern*

JANUARY 2019 - PRESENT

- Working at a research lab at the University of Washington administered by Dr. Ramkumar Sabesan
- Developing image processing technologies to improve visualization of retinal cell structures and functions.

LEMS, Seattle — *Web Developer*

FEBRUARY 2019 - MARCH 2019

- Designed the website for Laboratory for Engineered Materials and Structures at the University of Washington.

Projects

Over-Hear, Seattle

APRIL 2019 - PRESENT

- Created Android app that allows deaf people to understand speech by completely 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 - PRESENT

- 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.
- Won the Best Hack overall and Best Hack Awards by Microsoft, Cisco and Amazon and the at Hack WA '19

Locality, Delhi

MARCH 2017 - MAY 2017

- Developed Android App that empowers residents with a tool to make their neighborhoods better places to live
- Crowdsources relevant information about local issues and facilitates communication between the community and the governing bodies

Leadership Experience

DubsTech, Seattle — *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.

EduTech Organization, Delhi — *Head of Operations*

MAY 2017 - AUGUST 2018

- Created several video tutorials and worked on improving the User Experience & User Interface.

XINO, Delhi — *President*

APRIL 2017 - MARCH 2018

- Participated in over 40 inter-school competitions ranging from computer programming to web dev.
- Conducted several multidisciplinary workshops for students from classes 6 - 12.