

# OSAMA YOUSUF

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## EDUCATION

### Habib University

Karachi, Pakistan  
2016 – 2020

Bachelor of Science in Computer Sciences, School of Science and Engineering, Class of 2020

**Minor:** Mathematics, **CGPA:** 3.92, **Honors:** Dean's List (x4), President's List (x2).

**Achievements:** High Academic Achievement Awards, Top of the TOPS Award, Funded for Study Abroad Program '18 and Research Abroad Program '19 by Habib University, Pakistan.

### Stanford University

Stanford, CA  
Summer 2018

International Honor's Program Graduate, Summer Session '18.

**Field of Study:** Technology & Entrepreneurship, Web development technologies.

## WORK EXPERIENCE

### Research Intern – Texas A&M

May '19 – Aug '19

*Department of Computer Science and Engineering, Texas A&M University*

- Served as a research scholar at the Pi Star AI and Optimization Lab, conducting collaborative research on a fully functioning code-base that enables an autonomous vehicle *AWS DeepRacer* to detect and follow race tracks through reinforcement learning and artificial intelligence.

### IT Manager – Runway Radio

Aug '18 – Present

*Habib University*

- Currently employed at the department of Integrated Sciences & Mathematics at Habib University, as the IT Manager at the student-run radio channel, *Runway Radio*.

### Teaching Assistant and Peer Tutor

Aug '17 – May '18

*Habib University*

- Assisted the Dean of the Computer Science Program at Habib University with core design and individual recitation sessions for the course "Discrete Mathematics". Also served as a peer tutor at the *Educational Help, Services and Academic Support* (EHSAS) Center.

## META-CURRICULAR EXPERIENCE

### Harvard's Project for Asian and International Relationships

2018 – Present

*Harvard University*

- Technology & Entrepreneurship* delegate and ambassador at Harvard University's flagship HPAIR conference – 2018-2019.

### Student Clubs & Committees

2016 – Present

*Habib University*

- Currently holding executive positions in a number of student-led clubs on campus. Currently the Chief Executive Officer at the Physics and Astronomy Club (PAC), and the Technical Officer at Club Tachi (videogame club).
- A member of the Graduation Committee for the batch of 2019, which is a sub-committee of the Student Government (HUSG). Objective is to plan and lead all senior year events, from the logistics to the execution and post-event reporting.
- Have worked in a multitude of capacities in organizing internal and external events through these clubs & committees. Major events include HUMUN '17, TEDxHU '17, Code.Play(), OMICRON '17 and HUCon '18.

## SKILLS

- Proficient in C, C++, Python, HTML, JavaScript, LaTeX, game programming, website development.
- Experienced in Project Management, GitHub workflow, terminal programming in LinuxOS, WAMP stack.
- Freelance work in Graphics Designing of all sorts (using the Adobe Suite). Passionate of audio and video editing.
- Exceptional interpersonal, leadership, communication, and collaboration skills. Fluent in English and Urdu.