

# Zubair Abid

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## EXPERIENCE

### IIIT HYDERABAD | STUDENT WEBADMIN

July 2019 – Present | Hyderabad, IN

- Built and deployed the login management system for the Institute's intranet sites
- Updated the internal IT-help wiki system
- Suggested and tested solutions for the move to an online semester in the COVID-19 pandemic
- General management and upkeep of Institute websites

### NEXREA | SOFTWARE DEVELOPMENT INTERN

August 2018 - November 2018 | Hyderabad, IN

- Worked on a software platform to enable an accelerated learning environment for gifted students along the lines of SMILE (Stanford Mobile Inquiry-based Learning Environment)
- Created a web application for the platform in Django and React

## SELECTED PROJECTS

### HYBRID MT: IMPLEMENTATION OF UVR-NMT | APRIL 2020

- Implemented the Neural Machine Translation with Universal Visual Representation paper in a team of two, as a course project
- Uses a Transformer architecture along with visual cues for relatively low-resource EN-FR translation.
- Implemented a basic Attention model for the baseline.

### LEARNING BILINGUAL WORD EMBEDDINGS WITH MINIMAL BILINGUAL DATA | NOVEMBER 2019

- Implemented Learning bilingual word embeddings with (almost) no bilingual data in a team of two, as part of a course project, for EN-HI data.

### HIGH-LOW GAME IN THE ETHEREUM BLOCKCHAIN | SEPTEMBER 2019

- Wrote a smart contract and tests, in a team of two, to play the High-Low House vs Players game in Solidity.

### SENTIMENT CLASSIFICATION FOR BENGALI NEWS ARTICLES | MAY 2019

- Creating a pipeline for polarity classification of Bengali news articles using multiple methods, and comparing the results using three different methods of evaluation

### INTERACTIVE LINUX SHELL IN C | OCTOBER 2018

- Wrote a basic interactive Linux shell interpreter in C, supporting all basic commands like ls and cd, and process management procedures.

### PROXY SERVER IN PYTHON | APRIL 2019

- Made an HTTP web server in a team of two, that caches webpages and implements authentication and blacklisting as part of a Computer Networks course assignment.

## EDUCATION

### INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, HYDERABAD

B.TECH IN COMPUTER SCIENCE + MS  
BY RESEARCH IN COMPUTATIONAL LINGUISTICS

2017 - 2022 (expected) | Hyderabad, IN

Cum. GPA: 7.84 / 10.0

## SKILLS

### PROGRAMMING

Experienced:

Python • C • HTML & CSS

Familiar:

C++ • Java • JavaScript • SQL

Used:

Solidity • Go

### TECHNOLOGY

Git/Github • Linux (CentOS/Arch Linux)

PyTorch • scikit-learn • Jekyll

Django • Flask • NetworkX

Apache • nginx

## ACHIEVEMENTS

Rank 1978 / 11704 Participants, Google Kickstart Round D 2020

First Runners Up, Microsoft

Codefundo++ 2018 (Team Blueticks)

Second Runners Up, Megathon 2018

## POSITIONS OF RESPONSIBILITY

Web Administrator, IIIT Hyderabad

August 2019-Present

Chief Editor of Ping!, College Magazine

August 2018 - July 2020

Head of Tech at E-Cell April 2018-March 2019

## COURSEWORK

Natural Language Processing

Principles of Information Security

Operating Systems • Algorithms

Distributing Trust & Blockchains

## LINKS

Github:// [zubairabid](#)

LinkedIn:// [zubair-abid](#)

Website:// [zubairabid.github.io](#)