

ABHIGYAN GHOSH

Computational Linguist

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📍 IIIT Hyderabad

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WORK EXPERIENCE

MASHINGA

HTML based Audio-Subtitle Syncing Tool

📅 August 2018 – November 2018 📍 Hyderabad

- Created an HTML based tool with a Flask backend for syncing audio with subtitles. Useful for annotating data for training ASR.
- Collected of 8000 hours of training corpus for training an ASR module on Indian-English.

POSITIONS HELD

🏆 Head of Tech, E-Cell IIIT-H (2019-20)

Built the E-Cell website and Megathon website from scratch. No external website making softwares used (like Wix or Wordpress). Presently working on Campus Works, an internship portal for IIIT.

📈 Editor-in-Chief, Ping! (2019-20)

Was the Editor for a column named Eye to the Future for 2018-19.

SKILLS

Python
HTML/CSS
Javascript
C/C++
Git
Go
PHP
Java



OTHER FRAMEWORKS AND SKILLS

Git Flask Django React ORM Latex Gimp Inkscape
Jekyll ExpressJS SQL OpenGL WebGL Bash Selenium
Solidity Blockchain Game Theory Cryptography NLP NLTK
Pytorch Keras

STRENGTHS

Web Development Logo Designing Poster Designing Video Editing
Linux DApp Development

OTHER PROJECTS

- 1 UNIX Shell**
An implementation of basic shell in C. Written for an x86 architecture Linux operating system.
- 2 Quiz App**
Simple Quiz hosting platform developed using Go-Gin-React. Support for MCQs and Multimedia questions.
- 3 Flight Simulator**
Simple 3D game made in C++. Developed using OpenGL. Fun game with full 3D environment with a landscape.
- 4 Infinite Runner**
A simple 3D game made in JS. Developed using WebGL. Similar to subway surfers with a Star Wars theme.
- 5 Distributed Battleship Game**
The classic game of battleship deployed over the Ethereum blockchain. Implemented using Solidity, Ganache and React.

EDUCATION

IIIT Hyderabad

BTech in CS and MS in Computational Linguistics (CGPA - 8.21)

📅 2017-2022

📍 Hyderabad

DAV Bistupur

CBSE (90.2%)

📅 2016-17

📍 Jamshedpur

St. Xavier's Collegiate School

ICSE (97.6%)

📅 2015-16

📍 Kolkata