

ARYAN TIWARI

Noida, Uttar Pradesh, India · aryantiwari209@gmail.com · +91 9953238821 · <https://aryanembered.github.io/>

SKILLS

Programming and Scripting languages:	Python, Java, C++, Bash
Web Development:	HTML, CSS, Javascript, MERN (Limited proficiency)
Familiarity with Tools:	Highly Proficient and Fast with VS Code, WSL 2, Git (Version control)
Other Related Competencies:	Unreal Engine 5 Environment/Landscaping, Photoshop, Audacity

WORK EXPERIENCE

WTC Productions

Head of Channel, Head Audio Engineer

July 2020 - Present

- Built a project management system to log submission of deliverables which minimized manual labour. Used Google Sheets API, OAuth2.0 authentication, python Libraries "pyspread" and Kiwi to design the user interface.
- Designed and implemented a payments system which completely automated payments for contractors.
- Built a system to track changes in viewer retention at specific timestamps to evaluate qualitative changes to the creative process.
- Managed a Team of 136 members which involved resolving conflicts, decision making, recruitment and delegation

EDUCATION

Amity University Noida

Bachelor in Computer Applications *GPA: 8.27*

Gautam Buddh Nagar, Uttar Pradesh

May 2019 - Jun 2022

Delhi Public School GBN

12th *GPA: 8.1 (77.4%)*

Gautam Buddh Nagar, Uttar Pradesh

- 2019

Delhi Public School GBN

10th *GPA: 9.4*

Gautam Buddh Nagar, Uttar Pradesh

- 2017

Indian Institute of Technology, Delhi

CCBM Digital Marketing

IIT Delhi Main Rd, Hauz Khas, New Delhi

- 2019

PERSONAL PROJECTS

Voice Operated OS Control *Python, OpenAI Whisper, OpenCV, Kaldi, Win32 Apis*

<https://github.com/AryanEmbered/VoiceControlWindows>

A highly customizable ASR virtual assistant that runs off of OpenAI's Open source Whisper Model.

Suspend-Rexume *Python, Windows Libraries, Pyautogui, Psutil*

<https://github.com/AryanEmbered/Suspend-ReXume>

Allows the user the manually pause any application. While paused, the application will does not consume any resources. Helps deal with power cuts, have longer battery life on laptops and shorter loading times.

Automated Google Spreadsheet updater *Google cloud platform (GCP), Python, OAuth 2.0*

<https://github.com/AryanEmbered/automatic-sheet-update-WTC>

Script to periodically make changes to a spreadsheet based on presence of contents in a google shared drive.

Completely Offline Text to Speech and Speech to Text Utilities

<https://github.com/AryanEmbered/Easy-offline-speech-recognition>

Easy to use TTS and Speech2Text systems that don't send voice data to the cloud.

CERTIFICATES AND ACHIEVEMENTS

ICEIL certificate for paper on Analysis of Machine Learning techniques in Recommendation systems - 12/2020

Vice President of Entrepreneurship Cell in Amity Institute of Information Technology

Published Articles in Cybernomics scholastic seed Journal February 2020 Issue

<https://orcid.org/0000-0001-8613-295X> <https://www.cybernomics.in/index.php/cnm/article/view/143>

TCS iON Career Edge - 04-2020 - 06-2020

Cisco Introduction to IOT - 01-2021