

Vivek Vijayan

Audio Developer

I am a third year Computer Science Student who is interested in Sound and Music Computing.

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Contact

Portfolio: vivek-vijayan.vercel.app
GitHub: github.com/enter-opy
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Education

12/2020 – now	Bachelor of Technology in Computer Science GPA: 7.82 Fee waiver College of Engineering Chengannur
06/2018 – 03/2020	Higher Secondary Education in Computer Science Percentage: 98% St. Berchman's Higher Secondary School Changanacherry

Work Experience

2019 – now

Freelance Music Producer

- Composed original scores for short films (SMIFA Shorts 2019 Best Music Director (Malayalam Category))
- Produced and Mixed tracks for several artists
- Released singles as an independent artist
- Mixed and Produced tracks for college events

Volunteering Experience

Joint Convenor

IHRD Tharang 2023 (National Level Techno-Cultural-Entrepreneurial event organized by the Institute of Human Resources Development (IHRD))

- Lead the video team and created video contents for the promotion of IHRD Tharang 2023
- Created a promo song for IHRD Tharang 2023
- Created puzzles using HTML and CSS for Center-a-div event conducted as part of IHRD Tharang

Convocation Ceremony Coordinator, CEC Talks Coordinator

Alumni Relation Cell CEC

- Volunteered in several activities for establishing strong relation with alumni
- Edited podcasts for Cecify Radio (ARC CEC's Podcast series on Spotify)

Media Team Member

IEEE SB CEC

- Created video contents for Nirmana, Daksha and Emergence 2.0 conducted by IEEE SB CEC

Media Team Member

TinkerHub CE Chengannur

- Created video contents for Web Set Go, Hacktober fest Introduction and UI/UX Workshop conducted by TinkerHub CE Chengannur
- Contributed to TinkerHub CE Chengannur's official website

Skills

- Audio Programming
- GUI Programming
- Digital Signal Processing
- Machine Learning algorithms
- Music composition, Production and Mixing

Programming languages

C, C++ (JUICE, Maximilian, Rubber Band), Python, MATLAB, Chuck, Faust, HTML, CSS, JavaScript, Kotlin

Tools

Git, CMake, PureData, FL Studio, Live, Cubase, Logic Pro, RX, Photoshop, Premiere Pro, After Effects

Projects

Sound of music

Sound of music is an audio effect plugin created using C++ JUICE framework. It lets you add digital artifacts such as bit crushing, down sampling, jitter and hard clipping to an audio signal. It features three adjustable bands and each band can be processed individually.

Project link - github.com/enter-opy/sound-of-music

My lungs

My lungs is a pulmonary ailment detection web application. It lets user upload chest x-ray and diagnose pneumonia.

Project link - github.com/enter-opy/My-lungs

Present.io

Present.io is an attendance taking android app created using Kotlin and Firebase for FOSS Hack 3.0 conducted by FOSS United. It lets you take attendance by allowing users connect to a Wi-Fi and the admin can view the list of all users connected to the Wi-Fi.

Project link - github.com/steveaugustine/In-Kyoobeh

TinkerHub CE Chengannur Website

Contributed to the official website of TinkerHub CE Chengannur, Alappuzha.

Project link - tinkerhub-cec-website.vercel.app

Numbur

Numbur is a number guessing game created using HTML, CSS and JavaScript inspired by Wordle. The player is given 8 chances to guess the number. Each time the player enters a wrong number it lets you know whether it is a factor of the target number.

Project link - github.com/steveaugustine/numbur

Achievements

SMIFA Shorts 2019

Best Music Director – Malayalam Category