

SUBHADEEP JASU

Computer Science | subhajasu@gmail.com | 9836784958 | subhadeepjasu.github.io

Education

Institute of Engineering & Management · Bachelor of Technology (Computer Science & Engineering) 2015-2019
Harvard College · CS50 Artificial Intelligence 2021-Present

Skills

Languages: C, C++, C#, Java, JavaScript, HTML, SASS, TypeScript, Python, Vala
Technologies: Angular 9, Ionic Framework, React JS, .NET Core, SQL Server, Azure DevOps, GTK+, Bash, Git

Professional Experience

TATA Consultancy Services 2019 – Present, Kolkata, WB

Projects

Pebbles: Started out as an experiment for lexicographic analysis for compilers, evolved into a full scientific and statistical calculator suite. Now, it's a GTK based app and available on Linux distros

Enigma: An Enigma machine simulator written in Python

Ensembles: A GTK based Linux app for playing and arranging music live. It features a live backing track (style) engine, SoundFont synthesizer based on FluidSynth, Multi-track Recorder & MIDI Input.

Hemera: A GTK based app which is a frontend for a Mycroft AI server

Gandiva: A GTK based AI Assistant app for Linux desktop platforms (recently started working on). I am designing it as a successor to Hemera but the only difference is that it will have its own AI engine instead of relying on a 3rd party AI server.

SPV3: Contributed to SPV3, which is fan-made Halo game as the tech artist, UI designer and programmer

Interests

Product design, User Interfaces, Music & Music Production, Gaming and Game Dev, Robotics, Artificial Intelligence, Learning