

Software Engineer



Christopher Hampson

📍 Ohio, USA

✉️ champson@tutanota.com

🐙 github.com/chmaha

PROBLEM-SOLVER
DETAIL-ORIENTED
ANALYTICAL
ADAPTABLE

Competences

- Mastery in debugging difficult problems
- Lua & JSFX Programming
- Python
- HTML, CSS, Javascript
- Git, Github
- Linux and shell scripting
- Documentation
- Graphic design
- High availability to users
- Classically-trained musician
- Teacher
- Audio engineer

My values

- Determination
- Optimism
- Integrity
- Creativity
- Humility

Other Interests

- Cooking/Baking
- French-language Television
- Music of J.S. Bach

PROJECTS

ReaClassical

reaclassical.org

- As featured in [Sound on Sound](#) magazine (November 2024)
- A complete recording, editing, mixing and mastering solution for classical music engineers using REAPER
- Includes a complete set of mastering-grade plugins (JSFX)
- Full documentation at reaclassical.org/manual/
- A growing community of users on the REAPER forum and on Discord

Planiteer

planiteer.com/

- A complete to-do list application including customizable pomodoro timer
- "Strict" mode to prevent skipping tasks
- Ability to add tasks one at a time or via clipboard paste
- Edit and rearrange tasks
- Customize wallpaper, toggle sound, and engage dark mode

Batch audio channel splitter

github.com/chmaha/channel-splitter

- A python or POSIX shell solution for batch splitting multi-channel audio files before importing into a digital audio workstation

LUFS and True Peak Batch Normalizer

github.com/chmaha/ebu-norm-tools

- Complete loudness normalization according to EBU standards including graph plotting

Airwindows plugins ported to JSFX

github.com/chmaha/airwindows-JSFX-ports

- Over 100 JSFX ports of [airwindows](#) plugins (and counting)

Arch Linux Pro Audio Guide

github.com/chmaha/ArchProAudio

- The go-to guide for setting up Linux for professional audio productions

Sample Right

github.com/chmaha/sample-right

- Fixes incorrect samplerate headers for WAV files

True Stereo Converter

github.com/chmaha/true-stereo-convert

- Converts regular mono-to-stereo impulse responses to true stereo (LRLR)

Enover Reverb

github.com/chmaha/Enover

- Uses DSP from zita-rev1 reverb and adds a bass multiplier

EDUCATION

2021 : Computer Programming, Full-Stack Developer Diploma

Le Wagon, London (Batch #751)

Head of development team during project weeks

2007 : Musicology, MMus

University of Glasgow

2004 : Teacher Training (Music), PGCE

Manchester Metropolitan University

2002 : Music, MA (Honours, 2:1)

University of Oxford (St Edmund Hall)

Organ Scholar