EVAN SITT

Computer Science Student

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📍 Budapest, Hungary   in linkedin.com/in/evan-sitt/   github.com/ParadoxChains

EXPERIENCE

Instructor (Functional Programming)

Eötvös Loránd University

📅 September 2019 – Ongoing   📍 Budapest, Hungary

- Introduce incoming first year students to the functional programming paradigm, from good coding habits to basic algorithms, by using practical coding methodology.
- Organize and manage curriculum and consultations to promote better student progression and performance.
- Recruited and organized a team of 12 undergraduate students in furthering their pursuit of functional programming with development of an digital signal processing framework.

Student Developer

Ericsson Hungary

📅 March 2019 – December 2019   📍 Budapest, Hungary

- Have proper knowledge and skill in coding with Erlang for telecommunication applications.
- Write functional tests for new functionality developed by the team.
- Address customer raised Trouble Reports and Issues in a timely manner via debugging and testing.
- Extend and refactor legacy code for better performance, efficiency, and maintainability.

PROJECTS

Music Generation and Sound Processing in a Functional Programming Paradigm

Eötvös Loránd University

📅 2019-2020 Academic Year

Digital synthesis is a cross discipline application used in fields such as music, telecommunication, and others. The nature of digital synthesis involving multiple tracks as well as parallel postprocesses lends itself naturally to the functional programming paradigm. The paper demonstrates this by creating a fully functional, cross platform, standalone synthesizer application framework implemented in a pure lazy functional language. The application handles MIDI input and produces wav output played by any multimedia player. Therefore, it can serve as a preprocessor for users who intend to create digital signals before transcribing them into a digital or physical media.

Increased Interest in Studying Functional Programming via Integrated Application

Eötvös Loránd University

📅 2018-2019 Academic Year

Functional programming represents a modern tool for applying and implementing software. The state of the art in functional programming reports an increasing number of methodologies in this paradigm. However, extensive interdisciplinary applications are missing. Our goal is to increase student

MY LIFE PHILOSOPHY

"Proactive Versatility."

STRENGTHS

Good Leader, Better Follower

Diverse Skillset   Passionate

Meticulous   Resourceful

SKILLS

C++   JAVA   Erlang   JUCE

Concurrent Clean   LaTEX   Python

SQL   HTML/CSS   Adobe Photoshop

Adobe After Effects   FL Studio

LANGUAGES

Language	Level
English	●●●●●
Cantonese Chinese	●●●○○
Spanish	●○○○○
Magyar	●○○○○

EDUCATION

B.Sc. in Computer Science

Eötvös Loránd University

📅 Sept 2017 – June 2020

Thesis title: Digital Signal Processing Plugin for Multilayered Synthesis

Associates Degree in Science

Harold Washington College

📅 Sept 2001 – June 2002

interest in pursuing further studies in functional programming with the use of an application: the ray tracer. We conducted a teaching experience, with positive results and student feedback, described here in this paper.