EVAN SITT

Cloud Architect, Backend Developer, & Support Engineer

@ Sitt.Evan@gmail.com +1 (325) 939-7642
6122 S. Kenwood Ave, Apt 1, Chicago, IL 60637 United States
linkedin.com/in/evan-sitt/ github.com/ParadoxChains

EXPERIENCE

Senior Tech Support Engineer

Microsoft

June 2021 – Current Dallas, Texas

- Assist enterprise customers with setup and management of Microsoft's Azure cloud infrastructure to best fit the customer's business needs.
- Troubleshoot issues with cloud infrastructure and operations and assist the customer in rapid response and resolution.
- Coordinate communication and collaboration with other product teams within Microsoft in order to address complex issues across Microsoft's Azure cloud infrastructure.
- Communicating with software engineering teams regarding development plans to best support features requested by the customer.

Junior Developer

Farm Fare

April 2020 – April 2021 Cleveland, Ohio

- Review and verify production code written in the Haskell functional programming language before approving pull requests.
- Build the backend server for handling requests via RESTful API using the Yesod framework written in the Haskell functional programming language.
- Deploy and maintain back end server on Google Cloud through use of Kubernetes Engine, Cloud Build, and Stackdriver.
- Ensure Farm Fare's high standard of production code and ease of maintenance via setting up Continuous Integration and Continuous Deployment on code repository.
- Configuration of the Odoo business management framework to best fit Farm Fare's objectives and provide detailed end-user documentation.

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.

MY LIFE PHILOSOPHY

"Proactive Versatility."

STRENGTHS

Good Leader, Better Follower
Diverse Skillset | Passionate
Meticulous | Resourceful
Kind and Compassionate
Socially Responsible

SKILLS

Microsoft Azure | C++ | JAVA | C#
.NET Framework | Git | Linux
Haskell | Yesod | Kubernetes
Docker | Google Cloud
Continuous Integration
Continuous Deployment | Erlang
RESTful API & Architecture | Javascript
LaTEX | Python | SQL | HTML/CSS
Odoo/OpenERP

LANGUAGES

English
Cantonese Chinese
Spanish
Magyar

EDUCATION

B.Sc. in Computer Science

Eötvös Loránd University

Graduated: January 2021

Thesis title: Digital Signal Processing Plugin for Multilayered Synthesis

CITIZENSHIP

United States of America

Natural Born Citizen

EVAN SITT

Cloud Architect, Backend Developer, & Support Engineer

@ Sitt.Evan@gmail.com +1 (325) 939-7642
6122 S. Kenwood Ave, Apt 1, Chicago, IL 60637 United States
linkedin.com/in/evan-sitt/ github.com/ParadoxChains

PROJECTS

Digital Signal Processing Plugin for Multilayered Synthesis

Eötvös Loránd University

2019-2020 Academic Year

This project will implement a DSP plugin, using the Virtual Studio Technology 3 (VST3) interface standard. The project will handle MIDI input and generate a polyphonic multilayered synthesizer waveform via the use of wavetables, combining both additive and subtractive synthesis.The implementation of the project will be accomplished with the use of the JUCE framework. The application will be hosted by any VST3 compatible DAW, or used as a standalone synthesizer application.

Implementation of Digital Synthesis in Functional Programming

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 post-processes 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.

How to Increase Interest in Studying Functional Programming via Interdisciplinary 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 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.

MY LIFE PHILOSOPHY

"Proactive Versatility."

STRENGTHS

Good Leader, Better Follower
Diverse Skillset | Passionate
Meticulous | Resourceful
Kind and Compassionate
Socially Responsible

SKILLS

Microsoft Azure | C++ | JAVA | C#
.NET Framework | Git | Linux
Haskell | Yesod | Kubernetes
Docker | Google Cloud
Continuous Integration
Continuous Deployment | Erlang
RESTful API & Architecture | Javascript
LaTEX | Python | SQL | HTML/CSS
Odoo/OpenERP

LANGUAGES

English
Cantonese Chinese
Spanish
Magyar

EDUCATION

B.Sc. in Computer Science

Eötvös Loránd University

Graduated: January 2021

Thesis title: Digital Signal Processing Plugin for Multilayered Synthesis

CITIZENSHIP

United States of America

Natural Born Citizen