David M. Evans

Software Engineer – Chicago, IL

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Experience

Dovenmuehle
2021 - 2023
- Developed and maintained internal tools and data parsers using Python
- Translated programs written in C# to Python

Amdocs
2020 - 2021
- Developed and maintained back-end services and applications, mainly using Java
- Wrote scripts for facilitating data processing in Bash, Python, and PL/SQL

Ronin Capital
2019 - 2020
- Maintained and developed software for Ronin's trading platform
- Worked mainly with C++, SQL, Perl and Python in a Linux environment
- Built applications that facilitated the processing and manipulation of financial information
- Worked with networking code in C++

Projects/Open Source Work

Rust-GCC Contributor
2023
- Contributed multiple bug fixes and improvements to the Rust-GCC project

Rackle
2023
- A static blog generator written in Racket.

PyPitch
2018
- Senior capstone project - a "smart" musical instrument tuner which recognizes the individual notes of a chord in real-time with up to 95% accuracy and displays the musical information to the user
- Written in Python and using Tensorflow and Numpy libraries
- A neural network was trained on 400+ pieces of recorded musical data in order to perform the chord predictions

Education

Concordia University Chicago
Bachelor of Science, Computer Science
December 2018

Skills

Languages: C++, C, Python, Java, SQL, Perl, Bash

Tools/OS: Linux, macOS, Windows, Vim, Emacs, Visual Studio, git, terminals