



Isaiah Sherfick

Software Engineer

@ isaiahsherfick8@gmail.com <https://www.isaiahsherfick.com>

[in](#) isaiahsherfick1234

[gh](#) isaiahsherfick

Summary

Writing code since 2015 and professionally employed since 2022, I'm an extremely capable and motivated software developer who would fit in anywhere in your IT department from R&D to security. I love solving difficult challenges by leveraging my expertise in software design, networking, operating systems, and cybersecurity to come to a solution.

Experience

Epic Systems Corporation

Software Developer

July 2022 - Present

Verona, WI

- Maintained and enhanced clinical cardiology documentation software
- Effectively utilized modern debugging solutions to fix operation-critical bugs
- Leveraged modern software design patterns like MVVC with C#, TS, JS, React, Python, SQL, and MUMPS code
- Selected as a version control power user to assist other developers during our migration from SVN to git
- Independently managed and completed projects from concept to production
- Ran daily standups and triaged issues to squash bugs
- Contributed to team growth by mentoring a new hire
- Traveled on-site to customer health systems to shadow end users
- Improved launch times by 20% with performance-oriented refactoring

Education

Indiana University - Bloomington

Computer Science

3.992 GPA

Fall 2017 - Spring 2022

- Computer Science MS + BS
- Undergraduate specialization: Software Engineering
- Minor: Music Studies
- Relevant Coursework: Software Engineering, Object-Oriented Software Design, Applied Algorithms, Applied Machine Learning, Operating Systems, Distributed Systems, Computer Networks, Computer Structures, Advanced Database Concepts

Projects

Open Ear Trainer

- <https://www.github.com/isaiahsherfick/OpenEarTrainer>
- Open source, cross platform ear training app for musicians
- Collaborated with local developers and oversaw the project
- Designed my own music theory data model which allows us to construct chords and intervals in a modular, well-abstracted way

Codebase Insights

- Led a team of 6 for a whole semester in grad school
- VSCode extension to monitor the health of your codebase
- Used metadata from git, Jenkins, SonarQube, and Bamboo to create visualizations
- Color-coded heat map of project files to view "brittleness"
- Parsed build stack traces to determine how often filenames appear in crashes

Open Source Contributions

World of Warcraft Hardcore Addon

- Contributed a feature to the most popular (at the time) WoW addon
- Added a checkbox to mute a notification sound for a toast popup
- https://github.com/Zarant/WoW_Hardcore/commit/8f105d5013397ef41b4a867f9d39fb5be226240a