

# JOSEPH T. LYONS

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## Summary

Goal-driven application developer with a passion for building tools to automate tasks. Possesses a passion for finding optimal and efficient solutions to problems at-hand. Strives for thoroughness that results in the delivery of highly-consistent product. Strives to design and develop software systems with scalability and future maintainability in mind.

## Technical Skills

### Proficient in / with

- Multiple C-based languages and other systems languages
- Object-oriented programming
- Writing clean code and in refactoring techniques
- Writing clear and concise documentation

### Experience in / with

- Working with interpreted / scripting languages
- Parallel / concurrent programming
- GIT version control, at both the command line and with GIT client applications
- Using a variety of frameworks, such as JUCE and Unity
- Working from the Unix / Linux command line

## Education

Indiana University South Bend

Bachelor of Science in Computer Science | May 2019

- Graduated with Highest Distinction with a GPA of 3.98/4.0
- Maintained the Dean's List for every semester attended

### *Awards*

- Computer and Information Sciences Excellence Award | May 2019

### *Certificates*

- Certificate in Advanced Computer Programming | December 2017
- Certificate in Computer Programming | May 2017

### *Projects & Collaborations*

- Developed and released desktop applications and plug-ins for audio engineers and musicians
- Created open-source text editor plug-ins and other developer tools to automate development tasks
- Co-authored a simulated operating system
- Contributed to the documentation of widely-known open-source projects, such as Rust-Lang and Atom (text editor)

## Work Experience

*Ponderosa Steakhouse* | November 2008 – Present

- Work various positions, including cook, maintenance, and management
- Obtained the ability to work and communicate within a team
- Entrusted to train employees in new positions
- Developed organizational tactics and time management skills in order to consistently serve quality product