**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. Aims for thoroughness that results in the delivery of highly consistent product. Strives to design and develop highly scalable software systems with future maintainability in mind.

**Technical Skills**

Proficient in / with:

* C/C++
* Object-oriented programming
* Writing clean code
* Refactoring techniques
* Writing clear and concise documentation
* GIT version control and GitHub
* macOS

Experience in / with:

* Rust, Swift, Python, JavaScript, C#, and others
* Parallel / concurrent programming
* GUI application development with JUCE, Cocoa, and Cocoa Touch
* Game development with Unity
* Working from the Unix / Linux command line
* Unit Testing

**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

**Notable 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 widely-known open-source projects, such as Rust-Lang and Atom (text editor)

**Work Experience**

*LivestockCity*: Remote iOS Developer Intern | July 2019 – Present

* Refactor existing code to increase future maintainability
* Responsible for the addition of smaller features
* Create user interfaces using auto layout
* Enforce the usage of the MVC development pattern

*Various Companies*: Audio Software Beta Tester | 2011 – Present

* Thoroughly and rigorously tested Digital Audio Workstation plugins for many different audio developers

*Ponderosa Steakhouse*: Various Roles | November 2008 – August 2019

* Worked 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

*References and Letters of Recommendation available upon request*