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
- Meticulously crafting 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
- Documentation languages, such as Markdown
- 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 2015 - 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 and 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