

JON SULCER

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OBJECTIVE

To obtain an entry-level position using my education, skills, and abilities where I may apply my knowledge to complete the task at hand as well as expand my experience by solving any issues I may encounter along the way.

SKILLS & ABILITIES

Languages: C++, C, C#, Java, Python 3, Haskell, Clingo, HTML, LaTeX.

Familiar OS: Windows, Linux, Mac.

Code Development Software/Editors: Visual Studio, CodeBlocks, Emacs, Android Studio, Eclipse, Notepad++.

Other Skills: GitHub, UMLs, Vegas Pro 13, TexMaker.

Non-Programming Skills: Lifeguarding/First Aid/CPR/AED Certified.

Able to write software in languages typical of multiple programming paradigms, including procedural, Object-Oriented, Functional, and logical and understand their similarities or differences.

Practiced at applying software engineering principles to the design, coding, and testing of large programs.

Proficient in working with teams on large scale software development projects.

Experienced with the use and understanding of various object-oriented data structures and the situations in which a specific structure may be used.

WORK EXPERIENCE

Lifeguard, Paris Landing State Park

Summer 2016/17/18

Maintained a public outdoor pool and ensured the safety of patrons in attendance. Also taught basic classes for children learning how to swim and various water aerobics classes.

EDUCATION

BS in Computer Science, University of Tennessee at Martin

Graduation: Spring 2019

PROJECTS

Pill Identification Mobile App - Worked in a group of three to create an Android mobile app called "PillIdentify" for identifying pills using OpenCV and the Google Vision API. The app can recognize many common pills using the phone's camera as well as handle manual text searches. The project was presented at the ACM Mid-South East conference in November of 2018.

Inventory Management Project - Worked in a group of two on a C# WPF application in Visual Studio on a project that created a user account which was linked to customizable inventories of the user's choice. For example, the user could create an account that provides a unique database for a library, including items such as data on whether books were checked in/out or their locations in the library.

ASSOCIATIONS AND ACCOMPLISHMENTS

Membership of The National Society of Leadership and Success

Have been placed on the UTM Honor Roll