

## Personal Info

**- Phone**  
(614) 973-3673

**- Email**  
[AlexJonesProgramming@gmail.com](mailto:AlexJonesProgramming@gmail.com)

**- LinkedIn**  
[Alex Jones](#)

**- GitHub - Portfolio**  
[AlexJonesProgramming](#)

**- Website**  
[alexprograms.com](http://alexprograms.com)

## Education

Shawnee State University  
**Bachelor of Science in Digital Simulation and Gaming Engineering Technology**  
Graduated: May 2020

## Languages & Skills

C#

C++

C

Python

Java

HTML

CSS

Javascript

Compiler Design

Unity

VR Development

AI Programming

Intel Intrinsic

# Alexander Jones

## Objective

Seeking an exciting position as a software programmer in a company where my programming skills and knowledge, as well as my skills and knowledge in gained while working in Unity engine can be used to the fullest.

## Relevant Coursework

**Senior Project:** My senior project involved the designing and building of a VR game in a team of 3 people. The game was made using Unity engine as well as the Steam VR extensions

**Compiler Design:** Application of finite state automata as regular expressions, programming language design, and analysis of the use of context-free grammars as a formal device for language syntax. Techniques of lexical analysis, parsing (top-down and bottom-up); symbol table management, code generation, and error handling.

**Operating Systems:** The function, design, and integration of the parts of an operating system. Topics covered include: operating system history, policies for scheduling and page-replacement, memory management, resource allocation, concurrency process synchronization, file systems, secondary storage management, and command interpreters.

**Interactive Programming:** Focus upon the creation of a custom programmed 3D engine that encompasses advanced 3D engine features such as physics modelling, special effects, sound effects, and advanced I/O

**Networking:** Interfacing a computer system to external devices which support asynchronous and synchronous communications, flow-control paths, data transfer, packets, and physical interfaces.

**Optimization:** algorithmic optimization techniques as well as hardware optimization techniques.

**Artificial Intelligence:** Designing and building applications that implement machine learning, natural language processing, neural networks;

## Work History

### Cashier/Layaway Associate

Wal-Mart: May 2016 – July 2019

Job duties: Check out and bag orders, input customer information, organize store room, and stock shelves

### Delivery Driver

Rent-A-Center: Aug 2015 – Dec 2015

Job duties: Assemble furniture, clean store room, and deliver furniture

# ALEXANDER JONES

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## References

### **Jason Witherell**

Professor of Game Engineering Technology

Shawnee state University

Email: jWitherell@shawnee.edu

Phone: (740) 351-3113

### **Duane Skaggs**

*Professor of Computer Engineering Technology*

Shawnee state University

Email: dskaggs@shawnee.edu

Phone: (740) 351-3466

### **Jim Hudson**

Professor of Computer Engineering Technology

Shawnee state University

Email: jHudson@shawnee.edu

Phone: (740) 351-3686