

# Ramil C. Hinshaw

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## EDUCATION

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**Wichita State University**  
Wichita, KS

Fall 2017- Spring 2022

- Candidate for **Bachelor of Science Computer Science**
- Minor: Mathematics

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## COMPUTER SKILLS

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### Languages

- Proficient in: C++ 11, C, C# .NET, Html5, CSS3
- Familiar with: Java, JavaScript, Lua, Python, MYSQL, React

### Software

- Git, SVN, Unity3D, CMake, Photoshop, Vim, tmux, SSH, VMware, Microsoft Office Suite
- Platforms: Microsoft Windows XP/Vista/7/8/10, Linux, Proxmox

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## RELEVANT EXPERIENCE

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### Shocker Studio Student Assistant – Unity3D Developer

July 2020 – Dec 2020

- Utilized Unity3D's XR Foundation API for Augmented reality on Android and iOS devices.
- Implemented multi-image tracking along with objects anchoring in 3D environment.
- Used Unity3D's virtual reality API for Facebook's oculus rift and quest devices.
- Maintained weekly communication with our client, Spirit AeroSystems.

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## PROJECTS

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**Personal Website:** [www.RamilHinshaw.com](http://www.RamilHinshaw.com) (for additional information and projects)

### NASA SUITS Project – Unity3D Developer

Sept 2021 – June 2022

- Mixed reality development on the Microsoft HoloLens 2 using Unity3D.
- Programming lead in a multidisciplinary team of 7 students.
- Implemented real time obstacle avoidance during GPS navigation.

### Speech Assessment To-Go App

Sept 2020 – May 2021

(<https://ramilhinshaw.com/projects/seniordesign>)

- iOS app for speech language pathologist to help automate dynamic assessments.
- Utilized React-native & JavaScript for cross-platform support on both iOS and android.
- Project leader & programming lead of a team of 6 students.

### Lotus Game Engine (<https://github.com/RamilHinshaw/LotusEngine>)

Mar 2019 - Present

- 2D & 3D Game Engine programmed in C++11 with embedded Lua 5.1 powered by OpenGL 4.2.
- Cross-platform engine targeting, Windows, Linux, and Raspberry Pi devices.
- Utilized git for source control and CMake to generate project files.

### Shocker Gaming Website

May 2019 – Sept 2019

Wichita State University Shocker Gaming Club \*Volunteered

- Designed and deployed the Shocker Gaming Website with Html5 & CSS3 with Jekyll.
- Utilized technologies such as flexbox, & CSS-Grids to minimize dependencies.

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## ACTIVITIES, LEADERSHIP & ACCOMPLISHMENTS

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Awarded 1st place in the Summer ICT Game Jam 2021  
Awarded 2nd place in the Summer ICT Game Jam 2020  
Awarded 3rd place in the Summer ICT Game Jam 2019

July 2021  
July 2020  
July 2019