

EDUCATION University of South Carolina, Columbia SC
Major: Computer Science
Graduation Date: December 2018

COMPUTER SKILLS Languages strong to weak: C#, Java, C, C++, Matlab, Python
Environments: VSCode, Unity, Eclipse, Bash, Powershell
Operating Systems: Windows, Linux
Applications: Microsoft Office, Sony Vegas, Adobe Premier, Audacity
Math Knowledge: Multivariable Calculus, Linear Algebra
Other: Hardware, FPGA, Robotics, Firmware, Machine Code

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EXPERIENCE

August 2018 – Present **University of South Carolina, Columbia SC**
Campus Recreation IT Assistant

- Work closely with supervisor to carry out various tasks
- Access management for students and staff visiting school's gyms
- Respond to IT help tickets and fix faculty's computer problems

April 2017 – Present **University of South Carolina, Columbia SC**
Lifeguard

- Monitors pool and pool deck.
- Rescues guests at risk of drowning.
- Implements course of action during emergencies.
- Administers First Aid and CPR when needed.
- Ensures cleanliness of pool and pool area.
- Organizes and teaches in-service training for another department.

August 2017 – April 2018 **University of South Carolina, Columbia SC**
Collaboration with **Boeing, Charleston SC**
VR Sandbox Tool

- Developed in C# using Unity.
- Allow user to construct structures using 3D models in VR space.
- Automatically import FBX files and generate metadata (materials, order).
- Worked on front-end user interface, in-game features, and game feel.
- Carried out research on motion-sickness and having a good user experience.

September 2014 – October 2014 **IT-oLogy, Columbia SC**
Google CS First Guru

- Instructed students on programming with Google's Scratch language.
- Collaborated with other instructors about lesson plans.
- Sparked curiosity among students about careers in IT.

ACTIVITIES **University of South Carolina:**

- Esports Club – Dota 2 Coordinator
- Racquetball Club

HONORS & AWARDS **High School Diploma** – Blythewood High School, June 2014
PBL National Conference: Competed, June 2018
PBL National Conference: Competed, June 2016
DECA Collegiate National Conference 2015: Competed, March 2015