GALEN M. HELFTER

PRESENT ADDRESS

811 Beverly Dr.
Summerville, SC 29485
(843) 437-7547

PERMANENT ADDRESS

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EDUCATION

Clemson University, Clemson, SC
Bachelor of Science, Computer Science, May 2016
Minor in Digital Production Arts
Calhoun Honors College, Departmental Honors in Computer Science
G.P.A. 3.87/4.00

COMPUTER SKILLS

Programming skills in C, C++, C#, Python, and Bash
Use of unix sockets, system calls, forking, and other Unix-style systems constructs
Debugging and profiling using GDB, Valgrind, Gprof, and shims
Using version-control software, including Mercurial and Git
Use of a graphics/rendering pipeline for workflow in projects
Use of embedded SQL databases in Python and C applications
Use of graphics libraries, such as OpenGL, SDL, and GLUT
Image manipulation and other graphics algorithms
Graphics software, including Blender, Maya, GIMP, Adobe Flash, and Adobe Illustrator
Computer skills in Linux and Unix systems, as well as Windows systems

EXPERIENCE

Camp Counselor/Manager   Camp Ho Non Wah, BSA   Summer 2009-Present
Charleston, SC

Instructed Boy Scouts on various skills and provided for basic upkeep at the property. Organized and ran an area that tauaght basic programming and computer skills, starting in 2014. Had responsibility for managing lower-level staff members in the organization, and had the responsibility of managing the living area from 2014-2015.

Research Assistant   Clemson University   January 2015-May 2016
Clemson, SC

Worked on a research paper that was submitted to a graphics conference on procedurally generating eye and eyelid motions, while comparing the methodologies to data received from an eye-tracker. This was done through the Calhoun Honors College for the program.

HONORS AND AWARDS

Eagle Scout, 2009

GITHUB PROFILE

https://github.com/ghelfter