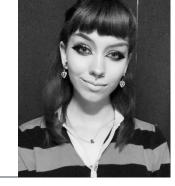
JENNA **HOFSETH**

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COMPUTER SCIENTIST

PROFILE

Passionate computer science student with an aspiration to work in a collaborative, driven environment. Strong foundations in object-oriented programming, robotics & algorithmic design, and mathematics. I am a quick learner looking to transform my passion into a career.

SKILLS

Technical Skills

- » Java
- » MySQL/Amazon RDS & EC2
- » C++
- » Python
- » HTML/CSS
- » JavaScript
- » C
- » Linux

Non-Technical Skills

- » Leadership & Communication
- » Project Organization
- » Problem Solving
- » Artistic Abilities (experience in Photoshop, graphic design)

REFERENCES

Connie Taylor

SoC Professor of Practice +1 (704-277-0849) E: connie2@clemson.edu

Daniel Noneaker

Associate Dean for Research +1 (864-656-0100) E: dnoneak@clemson.edu

EDUCATION & JOB EXPERIENCE

Bachelor of Science – Computer Science Clemson University

2021-2023

CCIT Software Support Technician

Clemson University

2021

Teaching Assistant – CPSC 1010/1011 Clemson University

2021-present

- » GPA: 4.0/4.0
- » Enrolled in CU Honors College
- » Minor in cybersecurity
- » 82 credit hours as of January 2022
- » Troubleshoot and solve software-related issues on Windows and MacOS operating systems
- » Installation of extensions, libraries, and applications for CU students and faculty
- » Lead introductory computer science labs and guide beginner students through CS fundamentals
- » Provide feedback on lab assignments programmed in the C language alongside Linux terminal

PERSONAL EXPERIENCE

Competitive VEX Robotics

Team BCUZ – Autonomous Skills team lead (2020-present) Team 7432E – Captain, Organization President (2017-2020)

Faculty-Led University Research

Al for Racecars (2021-2022)

- » 24 awards on the local, state, and national level
- » Personal development focus on engineering documentation and user controlled/autonomous movement using C++ with PROS for VEX with OkapiLib
- » Worked with movement control algorithms/subsystems such as PID, slew, and odometry
- » Undergraduate creative-inquiry research working on a fully autonomous robotic vehicle that can be readily used as a development platform for Python and computer vision learning.
- » Worked with commonly used vision sensors such as the RPLIDAR-A2 Lidar Scanner and Stereo Labs ZED depth camera, integrated using ROS with Linux.

Career-Related Projects

- » Custom semester-by-semester scheduling program for current Clemson computer science students according to user input (Java, Swing, & SQL)
- » Numerous Data Structures and Algorithms projects using structures such as linked lists, BSTs, hash tables, heaps, pathfinding algorithms (C++)