JENNA HOFSETH

COMPUTER SCIENTIST

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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
- GPA: 4.0/4.0
- Enrolled in CU Honors College
- Minor in cybersecurity
- 82 credit hours as of January 2022

CCIT Software Support Technician
Clemson University
2021
- Troubleshoot and solve software-related issues on Windows and MacOS operating systems
- Installation of extensions, libraries, and applications for CU students and faculty

Teaching Assistant – CPSC 1010/1011
Clemson University
2021-*present*
- 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)
- 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

Faculty-Led University Research
AI for Racecars (2021-2022)
- 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++)