

Harrison Christian Hall

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EDUCATION

Clemson University
Bachelor of Science in Computer Science and in Physics
GPA: 3.82/4.00

Clemson, SC
Spring 2021

- Organizations include the Clemson Association for Computing Machinery (2017-current), Clemson University Cyber Security Club (2017-current), Society of Manufacturing Engineers (2017-current), Coastal Carolina University Phi Eta Sigma (20 April 2016)
- Relevant Computer Science coursework: Algorithms and Data Structures, Computer Organization, Network Programming, Software Development Foundations, Software Engineering
- Relevant Physics coursework: Computational Physics, Mechanics I & II, Theoretical Methods of Physics I & II, Thermodynamics & Statistical Mechanics

WORK

- Employed for 4 summers at NYCE LLC Tropical Sno, promoted to manager during 2017 season, 2014-2017
- Managed file systems at Spann Roofing, summer of 2018

LEADERSHIP EXPERIENCE

- Head of programming in Clemson University Rocket Engineering Avionics
 - Wrote C++ code to use the BME280 temperature and pressure sensor in the avionics bay of Tiger-1
 - Writing the Python frontend to communicate, collect, and display telemetry data from future rockets
 - Adapted C++ code to use an industrial load-cell for thrust measurements of various solid rocket motors
 - Certified for machining in Clemson's Cook Mechanical Engineering Lab

COMPETITIONS

CUhackit	2018
Clemson Amazon Web Services Cloud-a-thon	2018
Google Games Atlanta	2018
Spaceport America Intercollegiate Rocket Engineering Competition (IREC)	2018

TECHNICAL SKILLS

Arduino	C/C++	Django	HTML/CSS
Java	JavaScript	MatLab	Python