

# Harrison Christian Hall

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## Education and Honors

Clemson University, Clemson, SC  
Bachelor of Science in Computer Science  
Bachelor of Science in Physics

Anticipated Spring 2021  
GPA: 3.91

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

## Technical Skills

Basic:                      Javascript      Matlab

Intermediate:            Java              C/C++            Python            Arduino            HTML/CSS

## Work and Collegiate Experience

- 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
- 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
  - Wrote and adapted C++ code to use an industrial load-cell for thrust measurements of various solid rocket motors
  - Certified for machining in Clemson's Cooke Mechanical Engineering Lab
- Competitions and Hackathons
  - Participated in [CU Hackit 2018](#)
  - Participated in the Clemson Amazon Web Services Cloud-a-thon, 2018
  - Participated in the Google Games Atlanta, 2018
  - Participated in the Spaceport America Intercollegiate Rocket Engineering Competition ([IREC](#)), Avionics and Propulsion, 2018

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Personal website [harrisonchristianhall.com](http://harrisonchristianhall.com)  
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