

James Charles Gallentine

Current Address:

Permanent Address:

<https://www.charliegallentine.com>

Education

Clemson University, Clemson SC	Class of 2020
<ul style="list-style-type: none">- Computer Engineering- Clemson National Scholars Program- GPA: 3.81	
Stellenbosch University, South Africa	Summer 2017
<ul style="list-style-type: none">- Study abroad	
International Baccalaureate Program	2016
<ul style="list-style-type: none">- National Merit Scholarship (2016)	
National Outdoor Leadership School (NOLS)	2014

Experience

Software Engineering Intern – Honeybee Robotics, Flight Systems Group	2018
<ul style="list-style-type: none">- Software and algorithm development in MatLab, C++, and Python- Electronic circuit design and construction- Part ordering, tracking, and assembly	
Webmaster Intern	2017-
<ul style="list-style-type: none">- Website design and maintenance for the Clemson National Scholars Program- Focus on creating an engaging, informative, and intuitive interface	
CUhackit Hackathon	2018-
<ul style="list-style-type: none">- Website design team- www.cuhack.it	
NASA Micro-g NExT Design Challenge	2017-
<ul style="list-style-type: none">- Challenged to design and development of a mechanism to take ice core samples while mounted on a NASA designed robot	
Clemson National Scholars Program	2016-
<ul style="list-style-type: none">- Full tuition, housing, materials, four-year merit scholarship- One of six students in the Class of 2020	
FIRST Robotics Team 6412	2012 - 2016
<ul style="list-style-type: none">- Founding member	

Skills

Programming:

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|----------|---------------------|
| - Python | - JavaScript |
| - HTML | - CSS |
| - Matlab | - C/C++ |
| - Java | - Unix Command Line |

Computer Application:

- Microsoft Excel
- SolidWorks
- Autodesk Inventor

Activities

- Club Tennis
- Guitar making
- Running