James Charles Gallentine

Current Address:
Permanent Address:

www.charliegallentine.com

Education

Clemson University, Clemson SC	Class of 2020

- **Computer Engineering**
- Clemson National Scholars Program
- GPA: 3.81

Stellenbosch University, South Africa	Summer 2017

- Study abroad

International Baccalaureate Program	2016

- National Merit Scholarship (2016)

National Outdoor Leadership School (NOLS)	2014

Experience

Software Engineering Intern – Honeybee Robotics, Flight Systems Group	2018

- Software and algorithm development in MatLab, C++, and Python
- Electronic circuit design and construction
- Part ordering, tracking, and assembly

Webmaster Intern	2017-

- Website design and maintenance for the Clemson National Scholars Program
- Focus on creating an engaging, informative, and intuitive interface

CUhackit Hackathon	2018-

- Website design team
- www.cuhack.it

NASA Micro-g NExT Design Challenge	2017-

- 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-

- Full tuition, housing, materials, four-year merit scholarship
- One of six students in the Class of 2020

FIRST Robotics Team 6412	2012 - 2016

- Founding member

Skills

Programming:

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

Computer Application:

- Microsoft Excel
- SolidWorks
- Autodesk Inventor

Activities

- Club Tennis
- Guitar making
- Running