

# John Hollowell

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## Education

Bachelors of Science Computer Science	December 2020
Clemson University	Clemson, SC
Minor: Digital Production Arts	GPA: 3.81/4.00
Accepted to 5 <sup>th</sup> year Masters of Computer Science program	January 2021

## Honors and Awards

President's List	Clemson University	Fall 2018, Spring 2019
Dean's List	Clemson University	Fall 2017, Spring 2018, Fall 2019

## Experience

Software Development Intern	Swampfox Technologies Inc.	Summer 2019
		Columbia, SC

- Developed a web-based product to store call center technical operations information
- Integrated product into existing Angular, Spring (Java), and PostgreSQL environment
- Worked with customer representative to design the product to meet actual customer needs
- Collaborated with coworkers to solve issues and learn company development procedures

CUhackit - Clemson's Student Hackathon	Organizer	2019 – Present
	Participant	2018

- Won the STEAM category of the competition
- Learned Unity and the basics of C# within the 24-hour competition
- Worked with randomly chosen teammates and developed common ground to pursue team cooperation
- Created a game to teach and enforce the photographic Rule of Thirds

Home Lab	2019 – Present
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- Administered dozens of services in containers and VMs
- Planned and implemented a segmented network
- Secured services and data with firewalls and redundancy
- Experienced with ZFS, Wireguard, KVM, and Docker

High Performance Cluster Computing Creative Inquiry	2018 – Present
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- Built, setup, and maintained a Raspberry Pi cluster
- Installed job scheduler, network storage, MPI systems, and other necessary software

## Service

Sound Technician	Reformed University Fellowship	2017 – Present
Clemson University Welcome Leader		2018, 2019

- Assisted freshman to gain familiarity with Clemson University and to feel invited and welcomed

## Leadership and Activities

Clemson University Men's Choir	Bass 1	2017 – Present
Summer Camp Counselor	Camp Ta-Pa-Win-Go	Summers 2016 – 2018

- Cared for the physical, emotional, and spiritual needs of campers from kindergarteners to seniors
- Operated high and low ropes courses as well as assorted group activities
- Cleaned camp facilities and grounds

Clemson University Clubs	Virtual Reality Club	2017 – Present
	Treasurer	2018 – Present

## Skills

Programming languages – Java, Python, C, C++, Bash, Javascript, PostgreSQL, Angular (Typescript)  
Computer Software – Linux, Git, Atom, IntelliJ IDEA, GIMP, Premiere Pro, Microsoft Office Suite  
Photography and Videography  
Audio/Visual Design and Production  
Drone Piloting (DJI Mavic Air)