

# Connor J Flanagan

Atlanta, GA USA | 920.284.7511 | connorjf@gatech.edu  
US Citizen

## Education

---

**Georgia Institute of Technology | Atlanta, GA**  
Bachelor of Science Aerospace Engineering

*August 2016 – May 2020*

## Research

---

**Scaling Analysis of TLSLES Code**

*May - December 2019*

**Georgia Tech Computational Combustion Lab**

- Explored and documented scaling of TLSLES code on a Taylor-Green Vortex and worked to parallelize the code
- Analyzed which portions of code were taking the longest to run and identifying areas of code which had the highest probability of meaningful optimization

## Experience

---

**MacStadium – Customer Success | Atlanta, GA**

*October 2020 – Present*

**Technical Account Manager**

- Partnered with DevOps teams to successfully implement MacOS/iOS CI pipelines using Jenkins, GitHub Actions, Buildkite
- Advised customers on best practices for successfully building solutions for CI/CD, TaaS, VDI, and more
- Oversaw accounts totaling \$20M+ annual revenue, ensuring problems were quickly fixed and growth was identified

**Georgia Tech OIT – Network Engineering | Atlanta, GA**

*February 2020 – May 2020*

**Wireless Audit Intern**

- Responsible for ensuring consistent internet access for over 26,000 students and the maintenance of ~7000 access points
- Network diagraming and mapping of Georgia Tech's LAWN network
- Created process documentation for deployment and troubleshooting to access points

**Georgia Tech OIT | Atlanta, GA**

*August 2018 – February 2020*

**Residential Technical Advisor**

- Provided support for Georgia Tech's wired and wireless network infrastructure for over 15,000 connected clients
- Resolved issues pertaining to networking equipment and personal devices for over 8,000 on-campus housing residents

## Relevant Coursework

---

**Advanced Jet Propulsion:** Analysis, design, and optimization of air breathing jet engines on a component-by-component level

**Team Design:** 2020 AIAA Design competition for a high capacity, short range transport aircraft. In depth design and analysis of a novel aircraft using FLOPS, Altair, ANSYS, SolidWorks, OpenVSP and AVL in a team environment.

## Skills

---

**Proficient:** MATLAB/SimuLink, Python, SolidWorks, Orka, Docker, Jenkins

**Familiar:** Java, XFOIL, AVL, FLOPS, Paraview, Kubernetes

**Platforms:** Windows, MacOS, Linux

## Organizations

---

**American Institute of Aeronautics and Astronautics**

*2019-Present*

**Amateur Radio Relay League**

*2009-Present*

- Technician License

**United States Parachute Association**

*2019-Present*

- Advanced Freefall