Connor J Flanagan

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

Education

Georgia Institute of Technology | Atlanta, GA *August 2016 – May 2020*
Bachelor of Science Aerospace Engineering

University of Limerick | Limerick, Ireland
Study abroad

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*
Sales Engineer

- 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