

# CHRISTOPHER J. JOHNSON

Johnson.8067@osu.edu | 80 West Lane Ave, Apt. 3H. Columbus, OH 43201 | 470-363-4613 | [chrisjohnsonosu.com](http://chrisjohnsonosu.com)

## OBJECTIVE

Secure a full-time position in the Advanced Air Mobility community utilizing aviation and computer science expertise, piloting experience, and specific industry knowledge to make a positive impact among innovative industry leaders.

## EDUCATION

The Ohio State University, Columbus, Ohio  
B.S. Aviation Engineering  
B.S. Computer Science and Engineering

Overall GPA (4.00 scale): 3.4  
Graduating: December 2023

## RELEVANT EXPERIENCE

Archer Aviation, San Jose, California

Project Management Intern, June 2023 – August 2023

- Integral player in aligning different business aspects to define the Go-to-market strategy and operational steps for US markets
- Contributed directly to the successful project management of Archer's first-ever Vertiport
- Independently developed a Climate Analysis Tool that determines feasibility of a market based on vehicle operational constraints
- Initiated and managed comprehensive vertiport location database and defined evaluation parameters for feasibility assessment
- Engaged in collaboration with airline team in determining key attributes for future Archer Aircraft pilots
- Significantly contributed to infrastructure projects, effectively streamlining project management and ensuring timely completion

Whisper Aero Inc., Crossville, Tennessee

Product Associate Intern, April 2022 – August 2022

- Spearheaded Regional Air Mobility Infrastructure research, collaborated with executive leadership, supervised social media presence, facilitated event planning, and executed diverse product projects

Ohio Air Mobility Symposium, Columbus, Ohio

Director, Advisor, July 2020 – Present

- Led a team of Ohio State students in planning and curating multiple annual conferences on the future of air mobility in Ohio, featuring speakers and panelists from 42 different industry leaders and experts, hosting over 500 attendees combined

Ohio State University Office of Innovation and Economic Development, Columbus, Ohio

Advanced Air Mobility Student Assistant, December 2020 - Present

- Fostered AAM student awareness, crafted an AAM community, and recruited potential partners for Ohio State University.

## SKILLS

- Commercial Pilot (300+ hours), Instrument Rated, Certified Flight Instructor, Private Pilot
- Certified Drone Pilot (FAA Part 107 License)
- Software: AI Integration, Visual Studio, Linux, UNIX, vim, Eclipse, MATLAB, SOLIDWORKS, Google/Microsoft Suites
- Languages: Java, Python, C/C++, C#, MATLAB, X86-64 Assembler Languages, SQL
- Awards: Vertical Flight Society Joseph P. Cribbins Scholarship 2021, Georgia Scholar, USAFA Appointment, National Buckeye Scholarship, Provost Scholarship

## EXTRA-CURRICULAR ACTIVITIES

FlyOhio Vertiport Challenge - Team Leader, October 2021, September 2023

- Led teams to win Best Overall Presentation 2 times, focused on AAM/UAS integration

Ohio State Women's Basketball Practice Team - Practice Player/Scout Team, October 2019 – Present

## RESEARCH

Key Factors in Vertiport Location Selection for Megapolitan Regions using Simulation Analysis, Oct 2022 – Present

- Contributed to conceptualization, investigation, and draft writing
- Undergraduate Thesis (Awarded Scholarship from Application)
- Advisors and Collaborators: Dr. Amber Woodburn McNair (The Ohio State University), Ian Villa (Whisper Aero, Uber Elevate)

A Study of Social Equity Strategies in Advanced Air Mobility Development, May 2022 - Oct 2022

- Contributed to survey design, data analysis
- Lead Presenter of research study results at INFORMS annual conference (Indianapolis, Indiana | October 2022)
- Advisors and Collaborators: Dr. Amber Woodburn McNair (Ohio State University)