

---

2-27-2023

## Cedarville "Hoosier" Goes From Guitar Player to Satellite Researcher

Follow this and additional works at: [https://digitalcommons.cedarville.edu/news\\_releases](https://digitalcommons.cedarville.edu/news_releases)



Part of the [Organizational Communication Commons](#), and the [Public Relations and Advertising Commons](#)

---

This News Release is brought to you for free and open access by DigitalCommons@Cedarville, a service of the Centennial Library. It has been accepted for inclusion in News Releases by an authorized administrator of DigitalCommons@Cedarville. For more information, please contact [digitalcommons@cedarville.edu](mailto:digitalcommons@cedarville.edu).

**FOR IMMEDIATE RELEASE**  
**February 27, 2023**

**CONTACT:** Mark D. Weinstein  
Executive Director of Public Relations  
[937-766-8800](tel:937-766-8800) (o)  
[937-532-6885](tel:937-532-6885) (m)  
[Mweinstein@cedarville.edu](mailto:Mweinstein@cedarville.edu)  
[@cedarvilleneews](https://www.facebook.com/cedarvilleneews)

## **Cedarville "Hoosier" Goes From Guitar Player to Satellite Researcher**

**CEDARVILLE, OHIO** -- Blake Senseman never thought his talents as a guitar player would land him a job in missile defense. But one Sunday after playing in the worship band at church, he was offered an opportunity he never expected.

Senseman, who graduated from Cedarville University in 2022 with a [physics](#) degree, landed a job working on the Air Force Institute of Technology Sensor and Scene Emulation Tool (ASSET) at Wright-Patterson Air Force Base near Dayton. The ASSET team develops realistic simulations using military satellite data.

"Our goal is to use military classified information to create realistic simulations that can then be used by civilian researchers," said **Senseman, a native of Indianapolis, Indiana**. "Having accurate data is essential in our work, and the hope with this project is, with better simulation tools, there will be notable progress in our defense missile capabilities, foreign surveillance satellites and domestic geographical and atmospheric research."

For Senseman, his degree in physics from Cedarville has been invaluable in his new career.

"Cedarville's [physics department](#) has an excellent emphasis on developing coding skills, which is not common in most undergraduate curriculums.," said Senseman. "Cedarville gave me the background knowledge and skills from my undergraduate degree to learn various coding software without difficulty."

Senseman specifically works to simulate flight patterns of various objects from kinematic models, which consider control parameters and real forces, like lift and drag.

His time as an undergraduate has impacted his career in more ways than just his work at Wright-Patterson Air Force Base. His time as a bass guitar player with [HeartSong](#), a worship ministry musical group that plays for Cedarville University chapel services and ministers to churches and youth events nationwide, helped him build soft skills like communication and teamwork.

"My time with the band taught me how to work on a team, communicate well, and develop a self-directed work ethic," said Senseman. "My time at Cedarville fostered the growth of character alongside skills."

More than anything, Senseman wants to use his education and skills to further the gospel.

"I want my life and work to be a testimony to the gospel, not just my words. When I excel at physics, work hard, and marvel at the things God has made -- my work builds on the foundation of Christ. He has appointed that, in this time, I build up His kingdom in part with math and lines of code. And He will receive the glory."

Located in southwest Ohio, Cedarville University is an accredited, Christ-centered, Baptist institution with an enrollment of 5,082 undergraduate, graduate and high school dual-enrolled students in more than 175 areas of study. Founded in 1887, Cedarville is recognized nationally for its authentic Christian community, rigorous academic programs, including the [Bachelor of Science in physics](#), high graduation and retention rates, accredited professional and health science offerings, and high student engagement rankings. For more information about the University, visit [www.cedarville.edu](http://www.cedarville.edu).

Written by Halle Johnson

Photo cutlines: Blake Senseman goes from playing the guitar in services to a satellite researcher.