Nicholas Bates

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Education

Auburn University | Auburn, AL
Bachelor of Industrial Design | May 2026
Minor in Business
INDD Japan Study Abroad | Feb. 2025 - April 2025

Experience

Automotive Product Designer | IAG Performance
Westminster, MR | June 2026 - Current

- Designed and validated automotive components through NX modeling, DFM collaboration with manufacturing engineers, and prototyping using 3D printing, sheet-metal laser cutting, press-brake forming, and 3D scanning, supporting full customer launch.

Industrial & Product Design Intern | Tennibot
Auburn, AL | June 2025 - Present

- Designed and prototyped robotic tennis product components, mobile app interfaces, and branded marketing materials to enhance user experience and brand consistency.
- Collaborated with Software & Mechanical Engineers to translate research insights into functional product solutions, contributing to ongoing product development and testing.

Sponsored Studio | Aptar
Auburn, AL | August 2025 - December 2025

- Contributed to the development of sustainable Halopack packaging solutions by researching materials, testing barrier properties, and exploring applications for food and consumer goods.
- Supported design and engineering teams by prototyping and refining concepts that balanced functionality, manufacturability, and sustainability.

Proficiencies

- Adobe Illustrator
- KeyShot
- Adobe CC
- Sheet Metal
- Fusion360
- Vizcom
- Figma
- Microsoft Excel (Certified)
- 3D-Printing
- SolidWorks
- Graphic Design
- Siemens NX

Involvement

Auburn Photography Club | 2023 - May, 2026
Industrial Design Society of America | 2023 - Present
End Overdose Chapter | 2025 - May, 2026

Honors and Awards

President's List | 2020-2022
Design for Humanity Competition Winner | Feb. 2025
Kaleidoscope Design Show Feature | 2024-2025
Miles and Mary Stephens Endowed Scholarship Recipient