

CURRICULUM VITAE

John Doe

Gainesville, Florida, USA

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EDUCATION

University of Florida — Gainesville, FL, USA

Master of Science in Materials Science and Engineering

August 2024 – May 2026

University of Central Florida — Orlando, FL, USA

Bachelor of Science in Materials Science and Engineering

August 2020 – May 2024

Orange County High School — Orlando, FL, USA

High School Diploma

August 2016 – May 2020

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EMPLOYMENT HISTORY

Research Assistant

University of Florida — Gainesville, FL, USA

August 2024 – May 2026

- Conducted materials characterization and laboratory research.
- Assisted with data collection, analysis, and preparation of research reports.
- Supported graduate research projects and laboratory activities.

Undergraduate Research Assistant

University of Central Florida — Orlando, FL, USA

January 2023 – May 2024

- Assisted with laboratory experiments and materials testing.
- Prepared samples and maintained laboratory records.
- Presented research findings to faculty and student researchers.

Laboratory Assistant

Advanced Materials Laboratory — Orlando, FL, USA

June 2022 – December 2022

- Assisted with laboratory preparation and equipment maintenance.

- Maintained inventory and documented laboratory procedures.

### **Retail Associate**

Orlando Science Supply — Orlando, FL, USA

**June 2020 – May 2022**

- Assisted customers with product selection.
  - Maintained inventory and processed sales.
  - Worked part-time while completing undergraduate coursework.
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### **PUBLICATIONS**

Doe, J., Johnson, R. T., & Lee, S. P. (2026). *Characterization of Aluminum-Based Materials for Advanced Manufacturing Applications*. Journal of Materials Engineering, 18(2), 100–112.

Doe, J., & Johnson, R. T. (2025). *Effect of Processing Conditions on the Microstructure of Metallic Alloys*. Proceedings of the Materials Research Conference, 45–51.

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### **CONFERENCE PRESENTATIONS**

**Doe, J.** “Characterization of Aluminum-Based Materials for Advanced Manufacturing Applications.” Materials Research Conference, Orlando, FL, USA — March 2026

**Doe, J.** “Processing Conditions and Microstructural Development in Metallic Alloys.” University Research Symposium, Gainesville, FL, USA — April 2025

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### **PROFESSIONAL AFFILIATIONS**

- Materials Research Society (MRS), Student Member — January 2024 – Present
  - Minerals, Metals & Materials Society (TMS), Student Member — August 2023 – Present
  - American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME), Student Member — August 2023 – May 2024
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### **PROGRAM CERTIFICATES**

#### **Certificate in Metallurgy Processing**

University of Central Florida — May 2024

#### **Certificate in Materials Characterization Techniques**

University of Central Florida — December 2023

## Laboratory Safety Certification

University of Central Florida — September 2022

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## AWARDS, SCHOLARSHIPS, AND FUNDING

### Graduate Research Scholarship

University of Florida — August 2025 – May 2026

### Outstanding Undergraduate Research Award

University of Central Florida — May 2024

### Dean's List

University of Central Florida — Fall 2021, Spring 2022, Fall 2022, Spring 2023

### STEM Academic Scholarship

University of Central Florida — August 2020 – May 2024

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## RESEARCH EXPERIENCE

### Materials Characterization and Processing

University of Florida — August 2024 – May 2026

- Investigated relationships between processing conditions and material properties.
- Performed microscopy and mechanical characterization.
- Analyzed experimental data and prepared research reports.

### Metal Alloy Processing Research

University of Central Florida — January 2023 – May 2024

- Assisted with experimental design and laboratory testing.
  - Prepared samples for characterization.
  - Presented findings at undergraduate research events.
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## SKILLS

**Laboratory:** Metallography, microscopy, materials characterization, sample preparation, mechanical testing

**Software:** MATLAB, Python, Excel, ImageJ

**Research:** Data analysis, technical writing, literature review, laboratory documentation

**Languages:** English; Spanish

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## **EXPLANATION OF EDUCATIONAL GAPS**

### **June 2020 – July 2020**

No educational enrollment. This was the scheduled summer break between completion of high school and enrollment at the University of Central Florida.

### **June 2024 – July 2024**

No educational enrollment. This was the scheduled summer break between completion of the bachelor's degree and enrollment in the master's program.

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## **EXPLANATION OF EMPLOYMENT GAPS**

### **June 2024 – July 2024**

Not employed. Completed the bachelor's degree in May 2024 and was preparing to begin graduate studies in August 2024.

### **June 2026 – Present**

Not employed. Completed the master's degree in May 2026 and is currently seeking full-time research opportunities.