

Research Methodologies

Presentation Skills

LANGUAGES

English Native

Spanish Proficient

MY CAREER



Research Assistant at University Research Lab (1.2 Years)

Capstone Project Developer at Academic Project (4 Months)

EDUCATION

Master's Degree in Materials Science

University of Illinois 🎓 GPA: 3.8 📅 2026 📍 Champaign, IL

Coursework: Ceramics, Materials Processing, Data Analysis, Process Optimization

Bachelor's Degree in Mechanical Engineering

University of Illinois 🎓 GPA: 3.7 📅 2024 📍 Champaign, IL

Coursework: Thermodynamics, Fluid Mechanics, Manufacturing Processes, Structural Analysis

CERTIFICATIONS

- Certified Six Sigma Green Belt 📅 2025
- Certified Quality Engineer (CQE) 📅 2026

TECHNICAL SKILLS

- **Manufacturing Tools:** AutoCAD, SolidWorks, MATLAB
- **Testing Equipment:** Optical Microscope, Scanning Electron Microscope, Mechanical Tester
- **Process Improvement Techniques:** Six Sigma, Lean Manufacturing, Kaizen
- **Data Analysis Software:** Minitab, Python, Excel
- **Project Management Tools:** Trello, Asana, Microsoft Project
- **Quality Control Standards:** ISO 9001, ASTM International, ANSI
- **Ceramic Manufacturing Methods:** Slip Casting, Pressing, Extrusion
- **Collaboration Platforms:** Google Workspace, Microsoft Teams, Slack
- **Document Management Tools:** SharePoint, Confluence, Dropbox
- **Reporting Tools:** Crystal Reports, Tableau, Power BI

PROFESSIONAL AFFILIATIONS

- Member, American Ceramic Society - Engaging with industry leaders and advancements.
- Volunteer, STEM Mentorship Program - Promoting engineering education among young students.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST