

PROFFESIONAL SUMMARY:

Results-driven Mechanical Engineering graduate. Proficient in CAD software (AutoCAD, Revit, & Civil 3D) and basic knowledge in coding languages (MATLAB, Python), with hands-on experience in project management, site inspections, and sustainable water practices. Demonstrated ability to lead teams, manage projects from inception to completion, and deliver results that exceed expectations. Fluent in Spanish and a commitment to continuous learning and leadership development.

EDUCATION

University of Georgia – Athens, GA *Graduation: August 2024 / GPA: 3.1*
Bachelor of Science in Mechanical Engineering

- Order of the Engineer - Induction Date: May 2024
- Emerging Engineers Leadership Development Program: Completed April 2024

University of North Georgia – Watkinsville, GA *August 2019 – December 2020 / GPA: 3.8*

- Dean’s List 2019 & 2020

RELEVANT WORK & PROJECT EXPERIENCE

Civil Engineering Intern Armentrout Matheny Thurmond P.C. – Athens, GA *August 2024 – December 2024*

- Created detailed site plan additions for residential developments using Civil 3D, contributing to a 10% increase in project approval rates.
- Conducted over 20 inspections for fire hydrants, sanitary sewer replacements & additions, ensuring 100% compliance with ACC standards.
- Report Documentation: Streamlined the documentation process for site visits and inspections, reducing report preparation time by 15%.

Senior Capstone Project, Sustainable Water for Terrapin Beer Company – Athens, GA *August 2023 – May 2024*

- Leading a 5-person team in the investigation and analysis of a well located at the Terrapin brewery in Athens, GA, as well as a thorough report on the cost effectiveness of said Well.
- Conducting comprehensive research on the requirements, codes, and regulations governing well water quality for optimal use in a brewery setting while adhering to ACC standards.
- Exploring innovative methods for rainwater collection to facilitate sustainable irrigation practices at the Terrapin brewery.

Renovations & Construction – Athens, GA *2018-2022*

- Worked under the guidance of an experienced renovator, gaining hands-on experience in residential construction and structural modifications while assisting in construction and renovation projects for family properties.
- Contributed to a 300 SQ.FT. bedroom expansion, assisting in demolition and structural modifications to support the construction of a new wall. Installed electrical outlets and flooring to enhance functionality and overall appeal.
- Assisted in a 100 SQ.FT. bathroom renovation, upgrading and replacing outdated plumbing fixtures and installing a new shower, resulting in a 15% reduction in water usage.
- Constructed a 150 SQ.FT. front porch and installed custom fencing, improving safety and curb appeal.

Professional References

Rachel Hudson: Office Manager at AMT – rhudson@amtathens.com or (706) 296 – 0046

Chase Zech (P.E.): Civil Engineer at AMT – czech@amtathens.com or (687) 983 – 9774

<u>TECHNICAL PROFICIENCIES</u>	<u>ADDITIONAL SKILLS</u>
CAD Software: AutoCAD, Revit, Civil 3D	Project Management
Adobe Suites: Photoshop, Dreamweaver, Illustrator	Technical Documentation
Coding Languages: MATLAB, Python	Regulatory Compliance
Languages: Fluent Spanish	Sustainable Design Practices