

# WILLEM M. JARON

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## OBJECTIVE

Mechanical Engineering student at Georgia Tech with experience in CAD design, prototyping, and field engineering. Seeking a Summer 2026 internship in mechanical design, manufacturing, or product development.

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## EDUCATION

**Georgia Institute of Technology, Atlanta, GA**  
*Bachelor of Science in Mechanical Engineering* *Expected 2027*  
GPA: 3.26

**Oglethorpe University, Brookhaven, GA**  
*Bachelor of Science in Physics* *May 2025*  
GPA: 3.30  
Presidential Scholar • 2024, 2025 SAA Spring Academic Honor Roll

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## ENGINEERING EXPERIENCE

**Area Manager Intern, Amazon, Tampa, FL** *June 2026 – Aug 2026*

- Analyze and optimize large-scale fulfillment processes to improve efficiency, throughput, and system performance
- Lead teams in a high-volume environment to implement process improvements and increase operational efficiency

**Field Engineering Intern, Duinick Golf, Savannah, GA** *June 2025 – Aug 2025*

- Applied surveying, grading, and tolerance analysis to terrain systems, improving construction accuracy and reducing rework on a \$5M project

**Construction Engineering Intern, GJ Gardner Homes USA, Naples, FL** *June 2024 – Aug 2024*

- Evaluated structural systems across 20+ builds, identifying inefficiencies and improving construction processes, reducing rework time by 10%

**Prototype Engineering Intern, Lagshot Golf, Naples, FL** *June 2022 – Aug 2022*

- Designed and tested golf training aid prototypes using CAD and machining, improving durability by 30% and reducing assembly time by 20 minutes through iterative design refinement

**Civil Engineering Intern, Stantec, Naples, FL** *June 2021 – Aug 2021*

- Supported design and inspection of municipal infrastructure projects serving 25,000+ residents

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## PROJECTS

**Hydroelectric Turbine Design Project**

- Designed a small-scale hydroelectric turbine, optimizing blade geometry for improved efficiency
- Modeled components in SolidWorks and evaluated system performance through iterative testing

**Golf Putter Impact Analysis**

- Analyzed impact dynamics and energy transfer between putter and ball to assess performance differences
- Collected and processed experimental data to compare design effectiveness

**String Density vs. Tension Measurement Study**

- Compared linear density and tension-based measurement methods through controlled experimentation

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## LEADERSHIP & ACTIVITIES

**Oglethorpe University Men's Golf Team**

- Balanced 30+ hrs/week of NCAA athletics with engineering coursework, demonstrating discipline, time management, and teamwork

**Oglethorpe 6th Man, Founder & Vice President**

- Founded largest campus organization, leading events with 500+ attendees and increasing engagement 40%

**American Society of Mechanical Engineers (ASME), Member**

- Participated in technical workshops and networking events with industry professionals

**American Nuclear Society (ANS), Member**

- Attended seminars on reactor safety and nuclear energy systems

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## TECHNICAL SKILLS

**Engineering & Simulation:** MATLAB  
**CAD & Design:** SolidWorks, AutoCAD  
**Programming:** Python  
**Manufacturing & Fabrication:** Mill, Lathe, Drill Press, Band Saw