

Veronica Perez

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EDUCATION

May 2025

University of Georgia, Athens GA

Bachelor of Science in Civil Engineering

Minor in Spanish

Honors and Awards: Georgia Commitment Scholarship, Hope Scholarship, TRIO Recipient, SHPE Undergraduate Scholarship

SKILLS

Technical Skills: AutoCad, Inventor, Revit, Civil 3D, SAP2000, HEC-RAS, Microsoft Excel, Canva, P6, PowerBi

Professional Skills: Bilingual fluency in both English and Spanish, Self-motivated, Flexible, Resilient

PROFESSIONAL EXPERIENCE

Burns & McDonnell

Oak Ridge, TN

Projects Control Intern

May 2024 - August 2024

- Updated data charts weekly via Excel to help track weekly hours worked towards the Oak Ridge National Lab, DOE Project
- Led bi-weekly meetings to follow-up with all engineering disciplines progress on deliverables and deadlines
- Analyzed baseline schedules on P6 to track schedule adherence while conducting monthly updates on the progress
- Gather estimates from a third-party consulting firm and created variance charts on different deliverable phases
- Created several data graphs to help visualize progress to all engineering disciplines and clients via Power BI

University of Georgia, Housing

Athens, GA

Engineer Assistant

May 2023 - October 2023

- Analyzed old and renovated architecture plans to integrate current building layout
- Utilized Revit software to reconstruct building twins for UGA dorms as assets
- Conducted site visits to dorm buildings to collect accurate data and visuals
- Established expectations and created training videos for future student hires regarding Revit usage

Perez Masonry

Macon, GA

Management Intern

May 2022- August 2022

- Enforced all OSHA regulations upon employees on and off work sites
 - Analyzed architectural plans and assisted in creating reports that highlighted recommendations for future projects
 - Conducted research that revolved around engineering challenges and communicated findings
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PROJECT EXPERIENCE

Senior Capstone Design

Athens, Ga/Hawkinsville, GA

City of Hawkinsville Sewage Pipeline Redesign

August 2024-May 2025

- Collaborated with the City of Hawkinsville team to identify the scope of work for final design
- Identified main flooding issue surrounding the outdated storm drain locations
- Visited site and conducted research utilizing online third-party resources to identify constraints and parameters
- Presented drafted proposals to client and requested feedback to integrate into final product
- Calculated the ideal flow rate for pipes and integrated a feasible factor of safety

CITRA Lab

Athens, GA

Undergraduate Student Assistant

January 2025-Current

- Collaborated with a Phd Candidate to adjust watershed cross-section data via Hec-Ras modeling simulation program
 - Created and presented research poster at the University of Georgia CURO research event
 - Met with head professor weekly to discuss weekly progress and to identify main cross-sectional errors off of bank stations
 - Integrated onto the Puerto Rico project, where major watershed models were created to model flooding
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CAMPUS INVOLVEMENT

SHPE (Society of Hispanic Professional Engineers)

Athens, GA

External Vice President

August 2023 – May 2024

- Organized the SHPE National Convention for 16 university students at the UGA Chapter
- Hosted a Hispanic Heritage Month Dinner with the College of Engineering with a one thousand dollar budget
- Communicated with employers for professional development for general body members, while forming connections

EEC (Equity Engineers Council)

Athens, GA

Council Member

January 2023- Current

- Led a Women's History Month panel with UGA alumni in the professional field
- Advocate for student's mental health and spread mental health awareness all throughout campus
- Highlight extraordinary engineers to promote student success within different backgrounds
- Share resources to students that are available across campus and within the Athens community