

# Naomi Pitts

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## RESEARCH INTEREST

Green Infrastructure, Urban Hydrology, and Sustainable Development

## EDUCATION

**Auburn University** | Auburn, AL

Major: Bachelor of Biosystems Engineering; Minor: Sustainability | Graduation Date: May 2022 | GPA: 3.57/4.00

## RELATED EXPERIENCE

**Alabama Cooperative Extension System** | Auburn, AL

*Assistant to the Water Programs Coordinator* | January 2020 – Present

- Use innovative methods to deliver educational content to communities and foster relationships with local partners.
- Create research-based educational programs in agriculture, forestry, wildlife, and natural resources.
- Compile information for workshop presentations and deliverables tailored toward specific audiences

**EMC Engineering Services** | Columbus, GA

*Engineering Intern* | May 2021 – August 2021

- Designed site layouts for 8 projects under the direct supervision of licensed engineer
- Conducted project research and site investigation for civilian and military clients
- Prepared working drawings in CAD from markups by others, construction documents and base maps of the area to be developed

**Hazen and Sawyer Consulting Firm and City of Durham Water Department** | Durham, NC

*Environmental Engineering Experiential Learning Experience* | July 2019

- Observed the working relationship between a municipality and a consulting firm.
- Gained knowledge about the water treatment process, plant design, and project management.

**NSBE Summer Engineering Experience for Kids (SEEK)** | Birmingham, AL

*Mentor* | May 2017 – June 2017

- Worked on a team of mentors to engage students in grades 3<sup>rd</sup>-5<sup>th</sup> with engineering and mathematics projects.
- Promoted science and math skills in minority students and built rapport quickly with children.

## TECHNICAL SKILLS

AutoCAD Civil 3D | MATLAB | Fusion 360 | Microsoft Office Suite | Alabama Water Watch Certified (2020) | TR-55 | NPDES Level 1 | ArcGIS | Trimble TDC150

## INVOLVEMENT

**Grand Challenges Scholars Program** | August 2019-Present

- **Treasurer** | August 2020-Present

**Engineering Academic Excellence Program** | August 2017 – Present

- **Mentor** | August 2019 – Present
- **Ambassador** | January 2018 – Present

**National Society of Black Engineers** | May 2017 – Present

- **Technical Outreach and Community Help (TORCH) Chair** | May 2018 – May 2019; May 2021-Present

**Engineers without Borders** | August 2019 – Present

- Technical Design Committee Member

**Campus Kitchen Shift Leader** | August 2021-Present

## AWARDS/HONORS

**Alpha Epsilon Honor Society** | 2020-Present

**E-Portfolio Certificate of Excellence** | 2021

**Dean's List** | Fall 2017, Spring 2018, Summer 2018, and Summer 2019

## Publications

Laura Bell, Eve Brantley, Caitlin Sweeney, and **Naomi Pitts**. 2021. How to Install a Rain Garden. Alabama Cooperative Extension System. June 21, 2021. <https://www.aces.edu/blog/topics/fish-water/how-to-install-a-rain-garden/?cn-reloaded=1>

Laura Bell, Eve Brantley, **Naomi Pitts**, and Caitlin Sweeney. 2021. A Homeowner's Guide to Rainwater Harvesting in Alabama. October 5, 2021. <https://www.aces.edu/blog/topics/fish-water/a-homeowners-guide-to-rainwater-harvesting-in-alabama/>