

**Sara M. Laudeman**  
**Assoc. AIA; LEED Green Assoc.**  
Alpharetta, GA  
Mobile: 919-698-2160  
Portfolio: saralaudeman.com  
sara@laudeman.com

**Work Experience:**

**Project Manager | Architectural Designer, July 2020 – Current**  
**Hiscutt & Associates, Inc.**

Responsible for project management of architectural projects, including code review, project consultant coordination, client interactions, and CA.  
Responsible for design development and implementation, including initial design, client presentations, and construction documentation.

**Adjunct Instructor, August 2020 – Current**  
**Central Piedmont Community College**

Adjunct Instructor for Elementary Statics for Architecture

**Graduate Research Assistant, January 2019 – May 2020**  
**Georgia Institute of Technology**

Website development for the School of Architecture. Front-end website design, development, and implementation in HTML/CSS/JavaScript.  
Computational design modeling in Kangaroo2, Kiwi3D, and Grasshopper. Additional work in RhinoScript and Python on form remapping.

**Program Assistant/Teaching Assistant, May 2019 - July 2019**  
**Georgia Institute of Technology**

Program/Teaching Assistant for the Summer 2019 Barcelona Study Abroad  
Responsible for coursework preparation, instruction, event organization, development and presentation of GIS data.

**Teaching Assistant, August 2017 – May 2018**  
**University of North Carolina - Charlotte**

Teaching Assistant for Structural Systems and Computational Methods at UNC-C.

**Education:**

**Georgia Institute of Technology, Atlanta, Georgia**  
**Master of Architecture – May 2, 2020**

American Institute of Architecture Students; Graduate Ambassador for School of Architecture;  
Member of the Tau Sigma Delta Architecture Honors Society

**University of North Carolina at Charlotte, Charlotte, North Carolina**

University Honors Program, Student Ambassador; Sigma Alpha Pi National Leadership Society;  
American Institute of Architecture Students

**Bachelor of Arts in Architecture – May 10, 2018**

Arts and Architecture Honors Program; Tau Sigma Delta Architecture Honors Society

**Bachelor of Science in Mathematics – May 10, 2018**

Pi Mu Epsilon Mathematics Honor Society, Secretary; Department of Mathematics and Statistics  
Honors Program

**Durham Technical Community College, Durham, North Carolina**  
**Associate in Science: Engineering – May 9, 2014**

Member of Phi Theta Kappa Honor Society

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**Skills:**

**Proficient in:** QGIS, GIS Concepts; Computer Skills; AutoCAD; Rhinoceros 3D Modeling, Grasshopper plug-in for Rhinoceros, Climate Studio, Karamba3D; Revit (with Dynamo and DesignScript); Adobe Illustrator, Photoshop, InDesign; Microsoft Office Suite; Matlab; coding and logic, C#, PHP, JavaScript/CSS/HTML, python.

**Base proficiency in:** Maple Computing Software. LUA coding. Kiwi 3D and Kangaroo 3D plug-ins for Grasshopper.

**Languages:** Spanish: reading comprehension, intermediate; verbal communication, intermediate

**Research:**

Noel, Vernelle A. A., Niloofar Nikookar, Jamieson Pye, Phuong "Karen" Tran, and Sara Laudeman. **"The Infinite Line Active Bending Pavilion: Culture, Craft and Computation."** CAADRIA (2021).

<https://caadria2021.org/session-2D#445>

**"Derivation, Form Finding, and Structural Analysis in Catenary Derivate Shells" Honors Undergraduate Research Thesis** in Mathematics and Architecture through UNC - Charlotte

Participation in **M.A.R.S. VIP program** through GTRI at Georgia Institute of Technology (F18, S19, F19, S20).

**Team Leader** for Habitats and Integration sub-team (S19, F19, S20).

**Research and Design Studio** at Georgia Institute of Technology in **Shape Grammars and Computation** in Architecture: focused applications of visual search algorithms in design analysis and Development under Athanassios Economou (F19).

**Research and Design Studio** at Georgia Institute of Technology in **Responsive Systems and the Robot House:** creative systems-level design for responsive houses through the lens of Ballard's "1000 Dreams of Stellavista" under Lars Spuybroek (S20).

**Honors and Awards:**

Georgia Tech School of Architecture **Leadership, Service, and Professional Promise Award**, Spring 2020

**Architecture Foundation of Georgia Merit Scholarship**, Spring 2019

**Portman Prize Studio, Third Place** at Georgia Institute of Technology, Spring 2019

**Lynn Hauser Pearce Memorial Merit Scholarship** from UNC-Charlotte, Fall 2017

UNC-Charlotte **Chancellor's List** Fall 2014, Spring 2016, Fall 2016, Spring 2017, Fall 2017

UNC-Charlotte **Dean's List** Spring 2015, Fall 2015

Recipient of a **Research Grant** for Honors Thesis Research through the College of Arts and Architecture Honors Program for "Derivation, Form Finding, and Structural Analysis in Catenary Derivate Shells"