EMILY GRAU

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PROFILE

Undergraduate Computer Engineering student seeking opportunities to expand and perfect both hardware and software skills.

EDUCATION

Georgia Institute of Technology – Atlanta, GA   Expected Graduation: May 2019
Bachelor of Engineering   Concentration – Computer Engineering

EXPERIENCE

❖ **Crestron Electronics**
   Test Engineering Intern (May 2017 – August 2017)
   Worked on creating universal switching remote using an embedded Linux microcontroller connected to an integrated graphics display over SPI. All code was written using C/C++.

RELEVANT COURSEWORK

❖ Digital Systems Design
❖ Digital Design Lab
❖ Programming HW/SW Systems
❖ Circuit Analysis
❖ Intro to Signal Processing

❖ Mathematical Foundations of CmpE
❖ Physical Foundations of CmpE
❖ Object Oriented Programming
❖ Programming for Engineers

LEADERSHIP

❖ **Alpha Phi National Fraternity**

   Vice President of Membership Recruitment(2017-Present)

   Oversees entire Recruitment Team and Continuous Open Bidding Team, plans and executes the fraternity's Formal Recruitment Plan

   Director of Formal Recruitment (2016- 2017)

   Assist in executing the fraternity's Formal Recruitment Plan and in managing the progress and work of the Recruitment Team.

   Target Membership Marketing (2015-2016)

   Manages the overall image of the fraternity and works in conjunction with the recruitment department to attract potential new members.

❖ **Society of Women Engineers (2015- Present)**
❖ **Student Alumni Association (2015- Present)**

TECHNICAL SKILLS

❖ MATLAB
❖ C/C++
❖ Java
❖ MIPS Assembly Language

❖ Beaglebone
❖ Microsoft Windows and Office
❖ Linux/Embedded Linux
❖ macOS, iOS