

Evan Todd Leleux

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Education

GEORGIA INSTITUTE OF TECHNOLOGY

EXPECTED GRADUATION: DECEMBER 2024

- Bachelor of Science in Computer Science with Intelligence and Device Integration Threads
- GPA: 4.0

Experience

FACTORY AUTOMATION SYSTEMS

FALL 2021

Co-op Engineer

- Programmed PLCs to take inputs from sensors and output to servos
- Interpreted engineering drawings
- Verified panel design against drawings
- Validated safety requirements were in accordance with the risk assessment
- Collaborated with multi-disciplinary team to ensure timely project success
- Assisted on-site installation of control systems

Leadership

SIGMA PHI EPSILON FRATERNITY

SPRING 2022 - PRESENT

House Director

- Organized house duties for over 100 members
- Coordinated external vendors for house maintenance
- Lead efforts to improve the house with regards to member satisfaction, fire safety, and alumni needs

Projects

INDEPENDENT PROJECT

SUMMER 2021

Terrain Viewer

- Created procedurally generated terrain viewer in JavaFX using the Perlin Noise function
- Used the Unified Process to bring my idea to life in realistic and effective manner
- Familiarized with Version Control software

VERTICALLY INTEGRATED PROJECT

SPRING 2021

Low-Cost Aerial Autonomy

- Installed custom control software to work with existing drone
- Designed a micro-spine claw to allow the drone to secure to rough surfaces
- Effectively communicated with students in different lines of study

ME 1770 FINAL

FALL 2020

Individual and Team design project

- Sketched prototypes and drafted assemblies
- Divided work evenly among team members to keep accountability
- Designed, dimensioned, and assembled 3D CAD SOLIDWORKS models
- Created fully dimensioned and exploded view drawings

Skills

TECHNICAL SKILLS

- Isometric Sketching, SOLIDWORKS, MATLAB, Ladder Logic Programming, Java, JavaFX, Python.

CERTIFICATIONS

- Microsoft Office Suite, Platinum Level WorkKeys

Extracurriculars

- Sigma Phi Epsilon Fraternity
- Leadership Development Committee Chairman

Awards

- Faculty Honors (Fall 2020, Spring 2021)