Evan Todd Leleux

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Education

GEORGIA INSTITUTE OF TECHNOLOGY   **EXPECTED GRADUATION: MAY 2024**
- Bachelor of Science in Computer Science with Intelligence and Device Integration Threads
- GPA: 4.0

Experience

FACTORY AUTOMATION SYSTEMS   **FALL 2021**
Controls Engineer
- Programmed PLCs to take inputs from sensors and output to servos
- Verified control panels by checking against electrical drawings, leading to decreased startup time
- Validated that 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 Manager
- Managed a 10,000 sq. ft house with 30+ residents and 100+ daily visitors with efficiency and ingenuity
- Coordinated external vendors for house maintenance, leading to higher resident satisfaction
- Lead efforts to improve the house with regards to member satisfaction, fire safety, and alumni needs
- Reorganized house duties for members, bringing about a much cleaner and safer living space

Projects

CLASS PROJECT   **SPRING 2022**
Bobby Dodd Defense
- JavaFX Tower Defense Game, 5-person group project
- Learned and applied GRASP & SOLID principles, making the source code much easier to understand/maintain/extend
- Created UML diagrams to facilitate a better understanding of the game architecture

INDEPENDENT PROJECT   **SUMMER 2021**
Terrain Viewer
- Created procedurally generated terrain viewer in JavaFX using the Perlin Noise function
- Familiarized with Version Control software

VERTICALLY INTEGRATED PROJECT   **SPRING 2021**
Low-Cost Aerial Autonomy
- Installed custom control software to work with existing drone
- Implemented a micro-spine claw to allow the drone to secure to rough surfaces
- Effectively communicated with students in different lines of study

Skills

- Isometric Sketching, SOLIDWORKS, Ladder Logic, Java (proficient), JavaFX (proficient), Python (proficient), C (moderate experience), MATLAB (prior experience).

Extracurriculars

- Sigma Phi Epsilon Fraternity
- Leadership Development Committee Chairman
- Swim Club

Awards

- Faculty Honors (Fall 2020, Spring 2021)