

# John Murphy

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<https://0xjmurphy.github.io>

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## COMPUTER ENGINEERING

Motivated and driven sophomore in Computer Engineering at Iowa State University seeking an opportunity to contribute my talents and passion in the engineering industry. I bring a tenacity in problem solving, an enthusiasm for learning, as well as a broad understanding in computer science and technology. Critical thinking and collaborative work are strong points of mine and I am committed to tackle complex challenges to drive project success and bring ideas to life.

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## KEY COMPETENCIES

Programming in C, Java, C#, Python, and JavaScript	Team collaboration	Verilog programming
Data structures	Excellent communication skills	Designing and implementing circuits
Embedded Systems	Game design in Unity & Unreal	Robotics: Arduino & ROS

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## PROFESSIONAL EXPERIENCE

<b>Sunset Foods</b> <b>Produce Department Specialist</b> Processed, sliced, and packaged a variety of fruits and vegetables within the produce department at Sunset Foods with a keen focus on product quality, presentation, and freshness. Responsibilities included stocking product onto shelves, maintaining neat and organized displays, monitoring inventory levels, and modifying the produce order sheet.	<b>Jan 2023 - Aug 2025</b>
<b>Libertyville Boat Club Lake Minear Beach</b> <b>Lifeguard</b> Monitored and ensured the safety of patrons at Lake Minear Beach by providing thorough surveillance and rapid response to emergencies including providing first aid when necessary. Responsibilities also included maintaining a welcoming environment for patrons, selling concessions, and collaborating with other guards to enforce safety regulations as well as promote a positive experience for all guests.	<b>Summer 2023 - Summer 2025</b>
<b>Independent Contractor</b> <b>Computer Builder and Technical Support</b> Contracted to build custom computers and provide technical support for others within my community. Assistance included product and spec consultation as well as the physical assembly and installation.	<b>2019 - Present</b>

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## EDUCATION & CERTIFICATIONS

**Sophomore at Iowa State University**  
Major: Computer Engineering  
Minor: Mathematics  
Current GPA: 3.96  
Member of University Honors Program  
**Graduated from Libertyville High School 2024**  
Cumulative weighted GPA: 4.2  
Member of the National Honors Society  
**American Red Cross Lifeguard and CPR certified**

## EXTRACURRICULAR ACTIVITIES

**Game Development Club**  
Iowa State University  
**Rock Climbing Club**  
Iowa State University  
**ITEC Robotics Club**  
Competition driven robotics club at Iowa State.  
Actively competing in robotics competition.  
**High School Esports League National Champion**  
Took first place in the Counter Strike national tournament in May 2024