

John D. Ulm

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EDUCATION

The Ohio State University, College of Engineering

Bachelor of Science in Electrical and Computer Engineering with Honors

Columbus, OH.

Expected: May 2026

GPA: 4.00

Kings High School

Ohio Honors Diploma

- National Merit Scholarship Finalist

Kings Mills, OH.

May 2022

GPA: 4.56

WORK EXPERIENCE

Traditions at Scott

Student Steward

Columbus, OH.

November 2022–Present

- Performing time sensitive duties to help ensure customer satisfaction and clean, food-safe dishes
- Facilitating an effective working environment with a multi-national, diverse working force

Gold Star Chili

Drive-Thru Operator

Maineville, OH.

June 2022–August 2022

- Dealt with multiple concurrent time-limited duties including restocking, taking orders, financial transactions, packaging, customer service, drink preparation, minor serving duties, and truck unloading
- Trained new recruits fundamental aspects of kiosk operation and financial transactions

INVOLVEMENT AND LEADERSHIP

The Underwater Robotics Team

Navionics Sub-team Member

Columbus, OH.

August 2022–Present

- Helping to design cost-effective and practical integrated circuits for an autonomous underwater robot
- Assisting in assembly of circuit boards through hand-soldering and component management

High School Marching Band and Winter Indoor Drumline

Marching Percussion Section Leader

Kings Mills, OH.

August 2021-May 2022

- 1 of 2 leaders for a 10-person group during the summer season, solo leader during the winter season
- Helped to integrate new members into practice and rehearsal routine while developing technical skills

High School Robotics Club

Competitive Vex Team Member

Lake Zurich, IL.

August 2018–November 2018

- Worked to design, prototype, build, wire, and program a robot for Vex Robotics Competitions

TECHNICAL SKILLS AND HOBBIES

- **Programming:** Java, C, C++, C#, MATLAB, HTML, CSS, Python
- **Software:** Altium Designer, VS Code, Unity, SolidWorks, SolidEdge, Word, Excel
- **General:** Oscilloscope Analysis, Soldering, Crimping, Breadboard, PCB Design
- **Music:** Drum set, Percussion, Piano, Composition