

MATTHEW JEIDE

COMPUTER ENGINEERING

CONTACT

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PROFILE SUMMARY

Motivated Computer Engineering student with hands-on experience in C++ and Python programming, circuit building, and project management. A quick learner with a desire to contribute to innovative projects and develop technical skills in a collaborative team setting and MAKE SOME PAPER.

EDUCATION

2022-2026 MARTIN LUTHER KING HIGH SCHOOL

- Took 5 PLTW engineering courses: Introduction to Engineering and Design, Principles of Engineering, Digital Electronics, Computer Integrated Manufacturing, and Engineering Design and Development

EXPERIENCE

PLTW Engineering

2022 - 2026

Engineering Student

- Applied principles of engineering design and development to create and prototype solutions for real-world problems, utilizing software such as Autodesk Fusion 360 and TinkerCAD.
- Gained hands-on experience in digital electronics, including circuit building, soldering, and troubleshooting, as part of a comprehensive curriculum.
- Collaborated on team-based projects from initial concept to final presentation, strengthening skills in project management and technical writing.

SKILLS

- Programming in Python & C++
- Autodesk Fusion 360, Autodesk TinkerCAD
- Soldering, Circuit Building, Digital Electronics, NI Multisim
- Project Management and Technical Writing
- Prototype Development
- OSHA-10 Certified

SkillsUSA

2024 - 2026

Computer Programming Competitor

- Achieved Top 5 placement in both regional and state programming competitions, demonstrating a high level of proficiency in computer science.
- Competed in a high-pressure, timed environment, applying my strong, self-taught Python skills to solve complex programming challenges.

VEX Robotics

2024 - 2026

Team Captain & Programmer

- Served as the primary programmer for two separate robotics teams simultaneously while advising other teams.
- Developed all autonomous and driver-controlled code for the competitive robots using Python, optimizing functions for efficiency and strategic advantage.

LANGUAGES

- English – Fluent
- Python – Fluent
- C++
- Swift (basic)