Nolan Adams

nolan@nadams.net
nadams.net

(440) 941-5197
Canton, MI

Education

University of Michigan – Dearborn   GPA 3.59   Expected Graduation: 2024

Bachelor of Science in Engineering in
Electrical & Computer Engineering (Dual BSE)

Work Experience

Application Engineering Intern   Aug. 2021 – Present

Robert Bosch, LLC

Work with Parking Systems Application Engineering team to develop vehicle calibrations; Independently develop software tools to assist with calibration work; Utilize Vector equipment and software.

Receiver / Stocker   July 2020 – Aug. 2021

Lowe's Home Improvement, LLC

Worked with a team to stock merchandise, received and unloaded shipments, operated various types of power equipment.

FIRST Robotics Intern   June 2019 – Aug. 2019

Robert Bosch, LLC

Worked with both Application and Test Engineering teams to test vehicle calibrations.

Activities & Projects

Raft Programming Language & Interpreter   2021 – Present

Actively developing a programming language & interpreter using C.

FIRST Robotics (Mentor)   2015 – Present

FTC Teams (2015 – 2018); FRC Team 862 (2021 – Present)

FIRST Robotics (Student)   2013 – 2019

FRC Team 862 (Jan. 2015 – June 2019)

Developed leadership and communication skills as technical group lead of Electrical (2017-18) and Control Systems (2018-19) teams.

Independently designed, built, and programmed a sensor test bench to assist with robot prototyping (2017).

Technical Skills

- Drafting and CAD modeling – AutoCAD, Fusion 360, SolidWorks
- Software development experience – C/C++, Python, HTML/CSS
- Computer skills – Linux, macOS and Windows operating systems
- 3D Printing & Prototyping
- Fabrication – Power tools, light machining
- Proficient in office and productivity software