

# Adnan Bare

Minneapolis, MN • Bare0057@umn.edu • +1 (612) 749-3173 • [www.linkedin.com/in/adnanbare](http://www.linkedin.com/in/adnanbare)

## EDUCATION

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University of Minnesota—Twin Cities

Minneapolis, MN

Bachelor of Sciences: Electrical Engineering

May 2025

Relevant Coursework: Calculus 1-4, Physics 1-2, Chem 1-2, EE2015, EE1301

Honors/Achievements:

- Associate of Arts, July 2023 - *Saint Paul College*
- Honor Roll - *Columbia Heights High School*

## LEADERSHIP EXPERIENCE

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Controls Engineering Project

Saint Paul, MN

Member

Mar 2022 – May 2022

- Led a team of four students engineers in project planning, component selection, and construction
- Designed and constructed an automated marble sorting machine using microcontrollers and sensors
- Developed a custom algorithm for real-time marble classification based on size and color

## EMPLOYMENT

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Capital Enforcement

Saint Paul, MN

Security Officer

Jul 2023 – Present

- Provide diligent security services, ensuring the safety and protection of personnel and assets
- Maintain surveillance systems and alarms, demonstrating proficiency in electronic security equipment
- Enforce security protocols and respond promptly to incidents, exhibiting strong problem-solving skills

Turck Inc.

Plymouth, MN

Machine Operator

Aug 2021 – Jun 2023

- Operated and maintained advanced machinery and automated systems, optimizing production efficiency
- Conducted troubleshooting and routine maintenance of electrical equipment to minimize downtime
- Collaborated with engineering teams to identify opportunities for process improvement and automation

Medtronic

Plymouth, MN

Assembly Technician

Jun 2021 – Aug 2021

- Collaborated in the assembly of medical devices, ensuring precision and quality control in the manufacturing process
- Operated and maintained specialized electrical machinery and equipment to produce intricate medical components
- Conducted regular testing and quality checks to verify compliance with industry standards and specifications

## VOLUNTEER WORK

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National Honor Society

Minneapolis, MN

Member

Aug 2019 – Jun 2021

- Participated in community service projects, which include volunteering at nearby charitable organizations, planning local community gatherings, and engaging in activities geared toward the betterment of the community
- Engage in environmental conservation efforts, including activities like cleanup drives, planting trees, and promoting awareness campaigns

## SKILLS

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Technical skills: Visual Studio, Multisim and SPICE Simulation, MATLAB/Simulink, AutoCAD, C, C#, C++,

Language skills: English, Somali, Intermediate Arabic

Soft Skills: Communication, Leadership, Time management, Problem-solving, Teamwork