

River Evans

Hamilton, ON

t- (289) 880-5280

e- evansr33@mcmaster.ca

EDUCATION

McMaster University

- Bachelor of Engineering, Mechatronics Engineering Co-Op
- Expected June 2030

Bernie Custis Secondary School

- Graduated with honours
- James V. Guildace Award and Scholarship

Technical Skills

CAD & Design

- Fusion 360
- Blender
- 3D Printing
- Technical design & prototyping

Programming

- Java
- C++
- Embedded C
- GitHub

Audio Production

- Ableton Live
- Reaper

Fabrication & Assembly

- Mechanical assembly
- Electrical wiring
- Hand and power tools
- Prototyping

LEADERSHIP & EXPERIENCE

Engineering & Robotics Experience

BCSS Robotics Team

Skills Ontario & FIRST Tech Challenge Competitor (3 Years)

- Designed custom robot components and mechanisms using Fusion 360
- Created prototypes and manufactured custom parts through 3D printing
- Built and assembled drivetrains, lifting systems, arms, and game-specific mechanisms
- Wired electrical systems and integrated sensors, motors, and controllers
- Developed and tested autonomous robot functionality for competition tasks
- Presented robot designs, engineering decisions, and performance results to competition judges
- Managed parts inventory and completed procurement requisitions
- Mentored new team members in design, assembly, and competition preparation
- Selected as primary robot driver during competitions, operating and troubleshooting systems in high-pressure match environments

Team Canada Junior Roller Derby & Home League Leadership

- Captain of Team Canada Junior Roller Derby (2025)
- Captain of home league team
- Developed training plans and led on-skate and off-skate training sessions
- Organized and delivered athlete development boot camps
- Coached and mentored newer athletes
- Represented teams at national and international competitions
- Invited to compete internationally in the United States and Denmark

Audio Production & Live Sound Engineering

- Configured and operated live audio equipment for community events and performances
- Recorded, edited, and mixed audio projects using Ableton Live and Reaper
- Designed, assembled, and maintained a home recording studio
- Set up microphones, audio interfaces, and sound reinforcement systems for individual performers and groups
- Diagnosed and resolved audio, signal routing, and equipment issues in live and studio environments
- Assisted with event setup, teardown, and technical production at Hamilton Music Collective venues

Hammer City Roller Derby / Niagara Roller Derby

Referee

- Officiated scrimmages and sanctioned competitions
- Applied rules consistently and made decisions under pressure
- Assisted with event operations and venue setup
- Communicated rulings clearly to athletes, coaches, and officials
- Maintained safety and compliance during competitive events

AWARDS & ACHIEVEMENTS

- Team Canada Junior Roller Derby (2023, 2025, 2027)
- Captain, Team Canada Junior Roller Derby (2025)
- National Lifeguard Certification
- Gold Medalist, Golden Horseshoe Music Festival (2 consecutive years)
- Director's Award, Golden Horseshoe Music Festival
- HWDSB Honour Band member (3 years)
- James V. Guildace Award and Scholarship