



Firmware Team Lead

About SFU Robot Soccer Club

SFU's Robot Soccer club aims to combine the excitement of soccer with the future of automated technology as we compete in RoboCup Soccer competitions. Our team encourages students from all programs to come together and learn concepts that are not taught in class and get hands-on experience with robotics, artificial intelligence, and teamwork. At SFURS, our sub-teams work together to build a team of autonomous soccer-playing robots, blending all aspects of artificial intelligence and robotics.

About this role

SFU Robot Soccer is seeking a skilled and committed individual to join our firmware team as the Firmware Team Lead. This individual will play a crucial role in leading our team of firmware developers to develop and maintain the embedded software that powers our soccer-playing robots. This position requires a combination of technical expertise, commitment, leadership skills, and a passion for robotics and autonomous systems.

Responsibilities

- Lead the team of firmware developers by aligning expectations and collaborating effectively
- Formulate and drive plan for completion of tasks
- Facilitate good coding practices
- Design and help implement new modules and components
- Assign required tasks and perform code reviews
- Collaborate with the other team leads for overall development of the robots

Location & commitments

- 8 months
- SFU Burnaby Campus

Candidate requirements

- Experienced in firmware development
- Experienced working with embedded systems
- Proficient in using C in embedded environments
- Passionate for robotics, team collaboration, and leadership