



YPC Technologies, a startup in food robotics is seeking a new team member in **SOFTWARE ENGINEERING FOR ROBOTICS**

Location: Montreal, Canada

ABOUT US:

YPC Technologies is a Canadian startup in food robotics with the vision to make good food more accessible. We are building the first robotic kitchen that can cook a large variety of recipes, at restaurant quality, using fresh ingredients.

THE ROLE:

As a key member of a small and versatile team, you will

... contribute to maturing our software development lifecycle process and have a hand in setting up various systems to produce reproducible, reliable, high-quality code.

... maintain and improve our current software infrastructure develop and refine in-house grasp planning, control methods and propose algorithms/methods to enhance its performance.

... develop and implement algorithms and machine learning capabilities for our system.

ABOUT YOU

You are passionate about driving innovation in the field of food robotics.

Must have:

- * BSc/MSc/Ph.D. in Computer Science or a related field, and/or equivalent industry experience
- * Knowledge of computer science fundamentals (e.g., algorithms and data structures) and working knowledge of how to apply them to improve existing and future code bases.
- * Proficiency in python and/or C++
- * Team player excited about working in a dynamic startup environment

Nice to have:

- * ROS, Gazebo, or other robotics software experience
- * Familiarity with Moveit!
- * Pull-request workflow, including code review
- * Familiarity with software development in Linux
- * Experience programming robotics arm(s) and gripper(s). Industrial experience of such is a plus.
- * Hands-on experience with robotic platform in simulation and real hardware.

If you are interested, please send a cover letter and your CV at:

recruiting@ypc-technologies.com