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