

# Abhishek Venkataraman

SENIOR ROBOTICS ENGINEER, MAY MOBILITY INC.

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## Recruitment Team

February 27, 2020

DOOR DASH,  
SAN FRANCISCO, CA 94107

## Job Application for Senior Robotics Software Engineer

It is with great enthusiasm that I submit my application for the position of Senior Robotics Software Engineer at DoorDash, San Francisco. It would be a wonderful opportunity to be a part of the start up that has disrupted the food delivery service, and I would love to contribute towards automating the last mile delivery solution. Having worked in the autonomous vehicles industry as a Robotics Software Engineer for over 1.5 years, in addition to 4 years of experience in other industries, I believe I would be a good fit for this position.

As you will see from my attached resume, I have experience writing production quality software for robot perception. At May Mobility, I have taken ownership of features, right from the conceptual stages and taken them to completion. Through the life cycle of the feature, I have improved the performance of the features by continuously fine tuning the algorithms, providing tools and diagnostics for operations and technical support teams.

Prior to May Mobility, I received my Master's degree in Robotics from University of Michigan, Ann Arbor. At UM, my research was focused on vision for personal robots (Fetch, HSR). Additionally, I was the teaching assistant for two graduate level courses, Mathematics for Robotics and Advanced topics in computer vision, which covered various topics in Linear algebra and deep learning respectively.

I have been passionate about robots since my undergraduate program, and over a period of 11 years, I have worked on various parts, including perception software, embedded control, mechanical design and system integration. I find it exciting to use robotics in various walks of life, and what DoorDash is doing by using robots for the last mile delivery is particularly interesting. Enabling robots to deliver would make on demand food accessible to various communities, while increasing the service efficiency. I believe this technology would make a lasting impact, and would love to contribute to it with DoorDash.

Sincerely,

**Abhishek Venkataraman**