

# Letter of Recommendation

## To whomsoever it may concern:

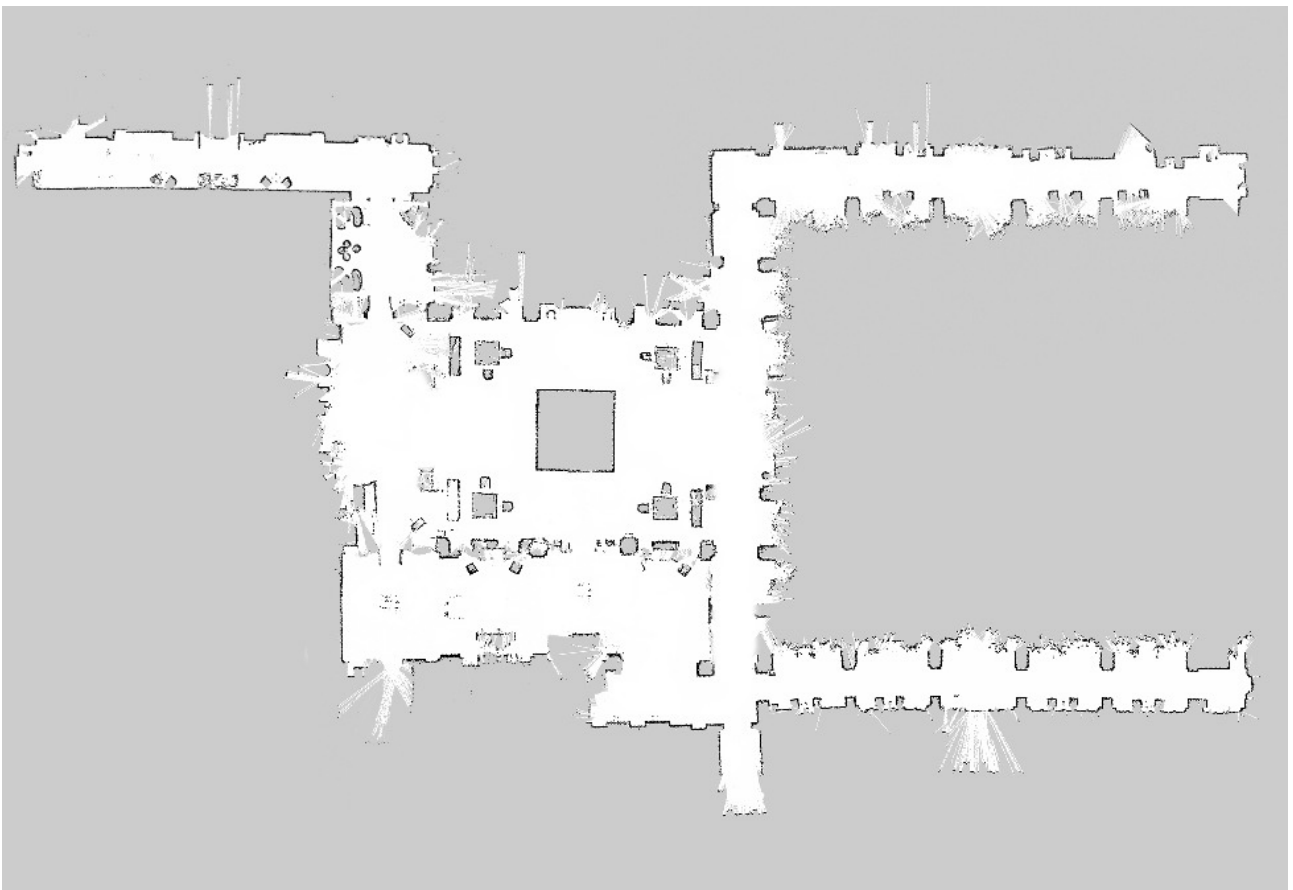
I take great pleasure in recommending Sai Siddharth for a graduate program in Machine Learning/Computer Science. I am the CEO of Invento Robotics, that makes the well known Mitra Robot for patient care in hospitals. I have been a Phd student myself and I know the rigorous of graduate programs in top US universities. I have supervised/guided over 80 people in the past decade and I'm fortunate to work with top caliber students to be able to gauge Sai in relation to them.

Sai interned with us on two occasions. In the summer of 2018, he worked as a Computer Vision intern to help our robots recognise grocery items. The robots then guided shoppers with its nutrition content and recipes that can be used with that. Sai was able to work with our team in building a large training data set and then integrate the model with our robot.



In the summer of 2020 we re-hired Sai, this time to improve the quality of our autonomous navigation for our hospital care robots. The goal of the project is to build a high-fidelity map of our entire customer premises and use the map for localisation and path planning. Our robots had to move around the floor autonomously to engage with visitors and patients. Our team built a strong proprietary navigation stack with more predictable path planning and smooth motion in highly complex environments. You can see the robot and the map below.

As of October 2020, I'm also using Sai on an another project involving integration with a Pulse Oximeter with our robot. That would involve using CNNs to process the raw data from the PulseOx and calibrate it accurately for the remote physician.



Besides his technical skills, Sai has an incredible work attitude that allows him to take added responsibilities that we have not seen in any other intern. We have given him complex tasks that only our senior engineers were able to manage. He has very good writing skills and has a very research oriented mindset that is essential to survive the rigours of the graduate program.