



Harsh Deshpande <hdeshpande5998@gmail.com>

Resume Verification

2 messages

Harsh Deshpande <hdeshpande5998@gmail.com>
To: agrim9gupta@gmail.com

Sat, Jul 21, 2018 at 1:57 AM

Please verify the following points:

Mars Rover Project (October 2017 - Present)

(Part of a team which represented India at the international finals of University Rover Challenge(Utah, USA) in 2018 and bagged 31st position out of 95 participating teams worldwide)

- Implemented Inverse Kinematics algorithm for closed-loop control of the 6 DoF robotic arm, with visual pose estimation on RViz via URDF model using encoder feedbacks to aid remote operation
- Conceptualised onboard sensor fusing of GPS and IMU via Kalman Filter for robust localization of the rover
- Responsible for integration of a Battery Management System with Active Cell Balancing

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Harsh S Deshpande
II Year Undergraduate
Electrical Engineering

Agrim Gupta <agrim9gupta@gmail.com>
To: Harsh Deshpande <hdeshpande5998@gmail.com>

Fri, Jul 20, 2018 at 9:27 PM

Verified.

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