

Anwar Ahmad Quraishi

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Research Interests

Field robotics, Multi-robot systems, Underwater robots

Education

PhD, Robotics, Control and Intelligent Systems 2016–present

École polytechnique fédérale de Lausanne, Switzerland

Master of Science, Robotics and Autonomous Systems 2013–2015

École polytechnique fédérale de Lausanne, Switzerland

Bachelor of Technology in Mechanical Engineering with Minor in Computer Science 2008–2012

Indian Institute of Technology (IIT) Hyderabad, India

Technical Skills

Programming: C/C++, Python, Java

Engineering software: Matlab, SolidWorks, Autodesk Fusion 360

Others: Embedded systems, Hardware, GUI design / Qt, OpenCV, ROS, TensorFlow

Employment and Internships

Cyberbotics Ltd., Lausanne, Switzerland Aug 2014 – Feb 2015

Internship

Development of a virtual reality interface to make simulation of human-robot interaction *immersive*. User gestures reproduced in the virtual environment using Microsoft Kinect camera, and immersive experience provided by Oculus rift virtual reality headset.

Polycom technology R&D center, Hyderabad, India June 2012 – Aug 2013

Senior software engineer

Member of the team working on HDX – a line of widely used video-conferencing products; Worked on improving the user-friendliness; Contributed to the efforts of the team in maintaining software.

Other activities

Science and Technology secretary, Student Gymkhana of IIT Hyderabad April 2010 – April 2011

Elected to this post. Responsible for coordinating various science and technology activities and competitions, managing 4 activity clubs with a total of over 50 members and managing a budget of over INR 2,00,000.

Co-founder and Coordinator, Robotics club of IIT Hyderabad Jan 2009 – Jan 2010

Set up and maintained a laboratory for hobby robotics activities, with support from the faculty and the institute. Conducted lectures and workshops on elementary robotics. Managed a budget of INR 1,00,000.