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Education

- Ph.D. student in Aeronautics & Astronautics, University of Washington, Seattle (present)
- M.Sc., Aeronautics and Astronautics, University of Washington, Seattle, 2012
- B.Eng., Information Science and Engineering, PES Institute of Technology, Bangalore, India, 2007

Experience

- Graduate Teaching Assistant
 - ? Systems Programming with C, C++ and Linux, Functional Programming with Ruby (2013 - Present)
 - ? Linear Quadratic Control, Control Systems Laboratory, Engineering Statics (2010 - 2012)
- Member Technical Staff (MTS 2) - NetApp, Inc. (2007 - 2009)

Research Interests

- UAV Applications
- Data-driven and Optimization-based control
- Optimal Control Theory
- Machine Learning Control
- Multi-agent Systems

Publications

- Soumya Vasisht and Mehran Mesbahi, "A Data-Driven Approach for UAV Tracking Control", In Proc. of the ASME Dynamic Systems and Control Conference, 2017 (In Press).
- Soumya Vasisht and Mehran Mesbahi, "[Trajectory Design and Coverage Control for Solar-Powered UAVs](#)", In Proc. of the AIAA Guidance, Navigation and Control Conference, 2015.
- Serina Diniega, Kunio M. Sayanagi, Jeffrey Balcerski, Soumya Vasisht, *et al.*, "[Mission to the Trojan Asteroids: lessons learned during a JPL Planetary Science Summer School mission design exercise](#)", In *Planetary and Space Science Journal*, Volume 76, February 2013, Pages 68-82

Awards

- Varanasi Endowed Fellowship, University of Washington (2012-2013)

