

Statement of Teaching Interests

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Objective:

Full Professor Position in the fields of Computer and Information Sciences,
Electrical and Computer Engineering, Aerospace Engineering

In general:

I feel comfortable to teach almost any course in the following disciplines:

1. Aerospace Engineering
2. Computer and Information Sciences
3. Computer, Software, and Electrical Engineering
4. Mathematics and Statistics

In particular:

More specifically, I would prefer to supervise seminars for Ph.D. and M.S. theses, mentor graduate and undergraduate students, and teach coursework directly related to the following subject matters:

1. Algorithm Design
2. Software Engineering
3. Real-Time Systems
4. Signal and Image Processing
5. Computer Vision
6. Pattern Recognition
7. Neural Computation
8. Computational Intelligence
9. Robotics and Control
10. Intelligent Systems
11. Autonomous Systems
12. Spacecraft System Design
13. Telecom and Navigation
14. Remote Sensing
15. Economic Space Missions
16. System Architecture
17. Orbital Mechanics
18. Attitude Control and Dynamics
19. Spacecraft Formation and Interaction
20. Advanced Concepts