

Curriculum Vitae
Jessica Lupanow
Computer Science PhD Student
University of Southern California

EDUCATION

Ph.D., Computer Science, University of Southern California, In Progress. Advisor: Dr. Maja Matarić

B.S., Engineering, Distinction, Harvey Mudd College, May 2018. Major Work: *Shipwreck Mapping in Malta with Autonomous Underwater Vehicles (AUVs)*. Advisor: Dr. Christopher Clark

PROJECTS

Models of Emotional Intelligence in Socially Assistive Robots, Los Angeles, CA.
Advisor: Dr. M. Matarić. August 2018-present.

Autonomous Machine Function, Doosan Bobcat, Claremont, CA.
Advisor: Dr. C. Clark. September 2017-May 2018.

Trajectory Tracking Controller for AUVs, Techmation Co, Ltd., Claremont, CA.
Advisor: Dr. A. Bright. January 2017-May 2018.

PROFESSIONAL

Research Assistant, USC Interaction Lab, Los Angeles, CA.
Advisor: Dr. M. Matarić. August 2018-present.

Intern, Booz Allen Hamilton, El Segundo, CA.
Supervisor: S. Oswald. June 2018-August 2018.

Intern, Northrop Grumman and Remotec, Huntsville, CA and Clinton, TN.
Supervisors: S. Tolliver and W. Johnson. June-August 2017.

Research Assistant, Lab for Autonomous and Intelligent Robotics, Claremont, CA.
Advisor: Dr. C. Clark. May 2016-July 2016.

HONORS AND AWARDS

National Science Foundation Graduate Research Fellowship	2018-present
Sigma Xi	2018-present
Society of Women Engineers Sonora Region B Scholarship	2017-2018
Shirlynn I. Spacapan Memorial Endowed Scholarship for Community Service	2016-2017
Rose Hills Foundation Fellowship	2016
Los Angeles Philanthropic Foundation Scholarship	2015-2018
Harvey S. Mudd Scholarship	2014-2018

PUBLICATIONS

3. **Lupanow, Jessica** and Remer, Donald, “A Comparison of Expressed and Desired Leadership

Styles in an Experiential Undergraduate Engineering Clinic Program,” *Proceedings, 2018 American Society for Engineering Education (ASEE) Annual Conference & Exposition*, June 2018.

2. Viswanathan, Vaibhav K., Lobo, Zayra, **Lupanow, Jessica**, Seibert von Fock, Sebastian, Wood, Zoë, Gambin, Timmy, and Clark, Christopher, “AUV Motion-Planning for Photogrammetric Reconstruction of Marine Archaeological Sites,” *Proceedings, IEEE International Conference on Robotics and Automation (ICRA 2017)*, June 2017.

1. Seibert von Fock, Sebastian M. T., Bilich, Sara, Davis, Katie, Viswanthan, Vaibhav K., Lobo, Zayra, **Lupanow, Jessica**, Clark, Christopher, Gambin, Timmy, and Wood, Zoë, “Pipeline for Reconstruction and Visualization of Underwater Marine Archaeology Sites using Photogrammetry,” In *International Conference on Computers and Their Applications (CATA 2017)*, Mar 2017.

SOCIETY MEMBERSHIPS

Member, Society of Women Engineers (SWE)

PERSONAL

Citizenship: US

Gender: Female

Security Clearance: Secret 2017-2027