

*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 Empathy 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 2017-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)*, June 2017.

1. Seibert von Fock, Sebastian M. T., Bilich, Sara, Davis, Katie, Viswanathan, 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)*, Mar 2017.

### **SOCIETY MEMBERSHIPS**

Member, Society of Women Engineers (SWE)

### **PERSONAL**

Citizenship: US

Gender: Female

Security Clearance: Secret 2017-2027