

**SANTA CLARA UNIVERSITY**

Departments of Computer Science and Engineering and Mechanical Engineering

I HEREBY RECOMMEND THAT THE THESIS PREPARED  
UNDER MY SUPERVISION BY

Patrick Barone, Giovanni Briggs, Aaron Burns,  
Zoe Demertzis, Hesham Naja

ENTITLED

**RSL ROVER**

BE ACCEPTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF

**BACHELOR OF SCIENCE**  
IN  
**COMPUTER SCIENCE AND ENGINEERING**  
**MECHANICAL ENGINEERING**

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Thesis Advisor

date

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Department Chair (Computer Science and Engineering)

date

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Department Chair (Mechanical Engineering)

date



# RSL ROVER

By

Patrick Barone, Giovanni Briggs, Aaron Burns,  
Zoe Demertzis, Hesham Naja

## **SENIOR DESIGN PROJECT REPORT**

Submitted to  
the Departments of Computer Science and Engineering and Mechanical Engineering  
of

SANTA CLARA UNIVERSITY

in Partial Fulfillment of the Requirements  
for the degree of  
Bachelor of Science in Computer Science and Engineering and Mechanical Engineering

Santa Clara, California

Spring 2016