

# Benjamin Narin

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github.com/benjaminnarin  
bitbucket.org/benjaminnarin

narinb@oregonstate.edu  
benjaminnarin.com

Rogers Hall  
2000 SW Monroe Ave  
Corvallis, OR 97331

## EDUCATION

Oregon State University, 2016-Present, Masters of Science: Robotics  
Oregon State University, 2016, Bachelors of Science: Electrical Engineering  
Oregon State University, 2016, Bachelors of Science: Computer Science

## EXPERIENCE

**Graduate Teaching Assistant** OSU, Personal Robotics Group Fall 2017-Present  
Corvallis, OR  
TA for Introduction to Instrumentation and Measurements (ME451)  
Developed lab material and documentation

**Graduate Research Assistant** OSU, Personal Robotics Group Fall 2016-Present  
Corvallis, OR  
Researched human self driving wheelchair interactions for real world application  
Developed new revision of a self driving wheelchair  
Developed a Robot Operating System interface to standard power wheelchairs  
Worked with the OSU Kinesiology Department adding logging to Project Go Baby Go

**Intern** suitX Summer 2016  
Berkeley, CA  
Electrical Engineering Intern working on medical and industrial exoskeletons  
Promoted the company and products at expos and venture capitalist events.  
Designed and implemented a networking solution for the new company headquarters  
Redesigned and implemented workflow for electrical design and validation

**Research Assistant** OSU, Personal Robotics Group Summer 2013-2016  
Corvallis, OR  
Participated in the UAE Robotics For Good Competition, Dubai 2016  
Developed several versions of a self driving wheelchair for people with severe physical disabilities.  
Designed and built an Electrooculography (EOG) Emergency Stop.

**Electrical Team Lead** OSU, Mars Rover Team October 2011-July 2013  
Corvallis, OR  
Designed the control system for the 2011-2013 Rover.

## PAPERS

Lazewatsky, Daniel, et al. "Wearable Computing to Enable Robot Microinteractions." Robot and Human Interactive Communication, 2014 RO-MAN: The 23rd IEEE International Symposium on Robot and Human Interactive Communication. IEEE, 2014.

## HONORS AND AWARDS

Semi-finalist - UAE Robotics For Good Competition, Dubai 2016  
Boeing Engineering Excellence Award, Engineering Senior Capstone Project 2015  
Chosen to represent Oregon State University in the PAC 12 Conference of Champions 2015  
Fourth Place University Rover Challenge 2013