Seth McCammon

Email: mccammos@oregonstate.edu

Education:

Graduate:
Oregon State University
Major: Robotics
1st Year

Undergrad:
B.S. in Computer Science (Minor in Classical Studies)

Awards and Honors:

Northwestern Undergraduate Research Grant Recipient - Summer 2014
- Project Title: "Autonomous Mapping and Path Planning Module for Smart Wheelchair"

Honor Roll: Winter Quarter 2012-13

Winner, Northwestern Univesity McCormick Autonomous Robot Design Competition 2013 with Kevin Ye and Georgiy Mazin

Winner, Myke Minbiole Elegant Engineering Award - Autonomous Robot Design Competition 2013 with Kevin Ye and Georgiy Mazin

3rd Place, McCormick Autonomous Robot Design Competition 2014 with Kevin Ye, Daniel Thirman, and Georgiy Mazin

3rd Place McCormick Autonomous Robot Design Competition 2015 with Kevin Ye, Daniel Thirman, and Georgiy Mazin

Undergraduate Research Experience:

Summer Research Internship at the STORM Lab of Professor Pietro Valdstrati, Vanderbilt University, 2013
    I developed a technique for image segmentation for vision-based capsule robot localization.

Independent Studies in the lab of Professor Brenna Argall, Northwestern University on Rehabilitation Robotics, Fall Quarter 2013, Spring Quarter 2014
    I improved robot localization on a smart wheelchair using an Extended Kalman Filter

Summer Independent Undergraduate Research Project in the lab of Professor Brenna Argall, Northwestern University, 2014

I implemented an autonomous mapping and path planning module for a smart wheelchair.

Programming Experience:

Languages:
- C, C++
- Lisp, Racket
- Ruby, Rails, Javascript, WebGL
- Python

Other:
- Matlab
- OpenCV
- Robotic Operating System (ROS)