Benjamin Narin

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EDUCATION: OREGON STATE UNIVERSITY

MSc Robotics 2018 — Advisor Dr. William Smart. Researched intelligent wheelchairs for people with extreme physical disabilities (ALS, Quadriplegia and SMA).

B.S. Computer Science 2016
B.S. Electrical Engineering 2016

WORK EXPERIENCE

Video Proceedings Co Chair, CoRL 2020   Nov 2020

- Wrote video standards and coordinated submissions.
- Wrote scripts to process videos and generate Youtube descriptions.

SWE/Roboticist, AutoRoboto at Google Research, Mountain View, CA   January 2019 – Present

- Designed and developed robotics infrastructure in C++ and Python.
- Reviewed and contributed to papers published at the Conference on Robot Learning (CoRL).
- Provided operational support to researchers on a variety of research projects.
- Worked closely with research teams to replace custom infrastructure with standardized infrastructure.

Graduate Research Assistant, OSU Personal Robotics Group, Corvallis, OR   Sept 2016 – Nov 2018

- Conducted research into self-driving wheelchairs for real world applications.
- Engineered more robust and feature-rich revisions of a self-driving wheelchair.
- Added logging to Go Baby Go Project (low-cost mobility platforms for infants with disabilities) in collaboration with Kinesiology department.

Graduate Teaching Assistant, ME 451:Instrumentation and Measurements, Corvallis, OR   Fall 2017, Winter 2018

- Taught Electrical Fundamentals, Arduino Programming, and Sensor Integration.
- Coordinated 38 unique group projects for a class of 126 students.

Electrical Engineering Intern, SuitX, Berkeley, CA   June 2016 – September 2016

- Developed custom electronics for both medical and industrial exoskeletons.
- Established the workflow for electrical design and validation.

Undergraduate Research Assistant, OSU Personal Robotics Group, Corvallis, OR   June 2013 – May 2016

- Designed, built and evaluated several iterations of a self driving wheelchair.

Electrical Team Lead, OSU Mars Rover Team, Corvallis, OR   October 2011 – July 2013

- Lead a team to design and fabricate the electronics for the 2011-2013 OSU Mars Rover.

Team Captain/Team Member, FIRST South Eugene Robotics Team (#2521), Eugene, OR   Fall 2007 – Spring 2011

- Founding member 2007, Team Captain from Fall 2009 to Spring 2011.

SKILLS

- Computer Programming: C, C++, Python, Robot Operating System (ROS)

- Software/OS: EagleCAD, Git, SVN, Linux, Windows, and OSX