EDUCATION	Bachelor of Science, Computer Science and EngineeringUniversity of California, Merced,3.2 GPA, May 2018	
	Relevant Coursework Data Structures, Algorithms, Computer Architecture, Intro to Robotics Calculus 1-3, Physics 1-2, Linear Algebra, Discrete Mathematics, Intro to Diffe Equations	erential
EXPRIENCE	 Robotics Software Engineer Intern University of New Mexico, As a part of the Moses Biological Computational lab, I am working on menting a central-place foraging algorithm (CPFA) using their Swarmie in Gazebo using the Robotic Operating System Framework (ROS) using the second second	rovers
	 Robotics Software Engineer Intern University of New Mexico, Programmed Swarmies to use a gripper autonomously for rover resource gathering Developed a tracking system for resources detected by rovers Leadership position guiding less experienced interns with ROS, C++, and the Swarmathon code base 	
	 Python Grader June 2015 - June Art of Problem Solving, Helped hundreds of students by offering constructive feedback, which in checking for docstrings, readability (PEP 8), OOP, algorithms, and basic Improved written communication by tailoring feedback based on student standing of assignment Developed clear communication required to meet expectations for class reby professor 	ncludes design under-
SKILLS	Proficient: Python, C++, Bash, Robot Operating System (ROS) Prior Experience: C, MIPS, Java Fluency in Spanish	
PROJECTS	github.com/ManuelMeraz	
	 NASA Swarmathon Competition 2016-2017, Team Lead C++ Spring 201 Taught workshops in ROS, Unix, C++ and git Building rovers to be used for competition Developing swarm search algorithms using ROS Public speaking skills developed during bi-weekly reports with mentor 	.6-2017
	 Year of Programming, C++/Git Sprin Created github organization that releases challenges to be peer reviewed to pull requests Teach and help participants with github and algorithms in slack Developed grading scripts, documentation and review code 	ng 2017 hrough