
CONTACT INFORMATION	21 Lafayette Ave Summit, NJ 07901	erick.arce10@gmail.com (908)-461-6478
EDUCATION	University of Maryland, College Park Department of Computer Science B. Sc. Computer Science, <i>Expected:</i> May 2015 Minor Business Spanish	
PROFESSIONAL EXPERIENCE	Space Systems Laboratory, University of Maryland College Park, MD Undergraduate Research Assistant September 2013 – Present <i>Currently:</i> Developing software in conjunction with NASA Goddard to drive Exoskeleton for shoulder rehabilitation in C/C++. Leading a team of three undergraduate students <i>Accomplishments:</i> ~Laid groundwork for migration of laboratory from Orocos v1.x to v2.x robotics software ~Selected Linux variant for control computer and applied RT_PREEMPT patch onto kernel for real-time applications ~Recruited and trained six undergraduate researchers for the laboratory ~Developed onboard computer and communications for a high fidelity space suit simulator Divum LLC Wilmington, DE Co-Founder August 2013 – Present <i>Currently:</i> Working as a liaison between product development team and business partners <i>Accomplishments:</i> ~Acquired sixty thousand dollars in seed investment ~Filed for and acquired LLC status ~Co-wrote the product specification for functionality and aesthetic design ~Finished first and second phases of development, website in beta Terrapin Technology Store College Park, MD Sales Associate June 2013 – May 2014 Responsibilities: Trusted associate responsible for inventory of over 100,000 dollars worth of merchandise. Collaborated as a team in responding to customer concerns on product lines <i>Accomplishments:</i> ~Completed Apple's sales training on products and the customer ~Ported Terrapin Technology Store to new point of sale software	
SELECTED COURSES	Introduction to Machine Learning, CMSC422 ~Studied various different machine learning algorithms ~In-depth coverage about practical aspects of data mining Data Structures, CMSC420 ~In Java: Created 3 dimensional spatial structure and analyzed structure's running time ~Studied and implemented algorithms for data processing and information retrieval Planetary Rover Development in Aerospace Engineering, ENAE488R ~Worked in a team of 25 to design, develop and operate a rover for RASC-AL competition ~Developed rover software using ROS (Robot Operating System)	
PROGRAMMING LANGUAGES	Java (2 years), C/C++ (1 year), OCaml (<1 year), Bash (1 year), Ruby (1 year)	
FOREIGN LANGUAGES	Spanish (Fluent), French (5 years)	