

ARIEL GOLDNER

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EDUCATION	WORCESTER POLYTECHNIC INSTITUTE , Worcester, MA	Expected Date of Graduation: May 2019
	Bachelors of Science, Mechanical Engineering; Biomechanics concentration	
	GPA: 3.29, Major Specific: 3.68	
PROJECTS	HUMAN AUGMENTATION LAB	Fall 2015- Present
	<ul style="list-style-type: none">- Founded WPI prosthetics group and formed partnership with Limbforge Inc. (formerly Enable Community Foundation)- Collaborate with team members to design and 3D print prosthetic hands- Serve as chapter president and recruited a strong team of passionate and driven students	
	PROSTHETIC FINGER DESIGN (ES 1310)	Spring 2016
	<ul style="list-style-type: none">-Drafted unique prosthetic finger for cost efficiency and comfort purposes-Constructed in SolidWorks	
	CULTURE, TECHNOLOGY, AND HUMAN RIGHTS IN THE DEVELOPING WORLD	Fall 2015
	<ul style="list-style-type: none">- Worked in a small team to renovate solar panel system for the city of Bishop Kodji, Nigeria- Created a final plan that taught local woman how to maintain the solar panel system- Earned 1st place in sustainability final competition against 20 other teams	
WORK EXPERIENCE	LIMBFORGE Inc.; VOLUNTEER (Remote)	Summer 2017
	<ul style="list-style-type: none">- Researched pneumatic mechanisms for 3D printed prosthetic hands- Evaluated possible 3D printable vacuum chambers for use in versatile environments- Drafted program proposal for R&D partnerships with universities	
	ORTHOPEDIC INSTITUTE GAPAIM Ltd.; INTERN (Haifa, Israel)	Summer 2016
	<ul style="list-style-type: none">- Assisted in designing and building prosthetic limbs for various application- Interacted with clients for fittings and evaluations- Developed business relationships for distribution opportunities	
	INTREPID SEA, AIR, AND SPACE MUSUEM; VOLUNTEER (New York, NY)	Summer 2015
	<ul style="list-style-type: none">- Presented, researched and helped in writing scientific public demonstrations- Processed data on customer experience to improve educational exhibits	
ACTIVITIES	Member of the Alpha Xi Delta Women's fraternity, National Engagement Chair of the American Union of Jewish Students, Social Chair of WPI Hillel Chapter, Crimson Key Tour Guide	
SKILLS	SolidWorks, 3D printing, Arduino C++ (learning), Adobe Illustrator, Adobe InDesign, Limited working knowledge in Hebrew, and Spanish languages	