

MELISSA GABRIELE

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EDUCATION

Drexel University	Philadelphia, PA	June 2022
Bachelor of Science in Interactive Digital Media		
Minor in Mechanical Engineering		
GPA: 3.69		
Villanova University	Villanova, PA	2016-2018
Bachelor of Science in Mechanical Engineering		
GPA: 3.71		
Summer Business Institute (SBI):		Summer 2017
Obtained a business minor through intensive ten-week program including marketing, management, accounting, business ethics, economics, finance, and professional development		

SKILLS

Software: Adobe Illustrator, Photoshop, Aftereffects; MATLAB; SolidWorks; Creo; AutoCAD; Microsoft Office
Machinery: 3D Printer, Drill press, Belt Sander, Band Saw, Laser Cutter
Clearances: Interim Security Clearance

WORK EXPERIENCE

Naval Research Enterprise Internship Program	Philadelphia, PA	Summer 2018
<ul style="list-style-type: none">▪ Updated safety systems of weapons elevators on Littoral Combat Ships Independence Class▪ Tested software for magnetic elevator platforms being implemented on CVN Ships		
Learners' Studio	Villanova University	2017-2018
<ul style="list-style-type: none">▪ Tutored college students in chemistry, physics, and select engineering courses		
Research Assistant	Villanova University	2017
<ul style="list-style-type: none">▪ Assisted graduate student with research on remote control vehicle with camera coordinate system▪ Worked with MATLAB code and recalibrated camera system		

TEAM PROJECTS

Robot Design Project and Competition	Villanova University	Fall 2017
<ul style="list-style-type: none">▪ Designed and fabricated remote-controlled robot to battle other robots in an arena▪ Collected data and troubleshoot mechanical problems		
Vanguard Competitive Effectiveness Marketing Project	Villanova University SBI	Summer 2017
<ul style="list-style-type: none">▪ Collaborated with group to help Vanguard market retirement plans to millennials▪ Produced and formally presented a two-year marketing plan		

HONORS AND AWARDS

AJ Drexel Scholarship, 2018-2021	Dean's List, Villanova, Drexel 2016-2019
National Merit Commendation, 2016	Presidential Scholarship, Villanova University, 2016-2018

ACTIVITIES

Engineers Without Borders, 2018-Present	Society of Women in Engineering, 2016-Present
Special Olympics, 2016-2017	Tri Delta Sorority Alumni, 2017-Present
Club Field Hockey, 2016-2018	Team Captain, Komen Race for the Cure, 2015-2016