

Matthew Cooper

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Education

Georgia Institute of Technology , Atlanta, GA	<i>August 2020 - Present</i>
• Candidate for Bachelor of Engineering in Aerospace Engineering	
Pope High School , Marietta, GA	<i>August 2016 - May 2020</i>
• High School Diploma • GPA 4.542/4.0 • Who's Who Award (Top 7% of Senior Class) • Outstanding Achievement in Spanish 3 and 4 • Georgia Certificate of Merit	

Experience

Tutor	<i>January 2019 - July 2020</i>
• Provided academic assistance to any requesting student in Algebra, Calculus, Spanish, or Chemistry • Met weekly or at any time of tutee's request	
Restaurant Crew Member	<i>September 2021 - August 2022</i>
• Made poké bowls for customers at Poké City • Prepared backup stocks of each ingredient • Cleaned restaurant on night shifts and set up tables and counter on morning shifts • Operated cash register	
Operations Intern	<i>September 2021 - August 2022</i>
• Collected call data for Atlanticus Holdings credit card company • Put data into spreadsheets to send to upper management • Adjusted spreadsheets' pivot tables to properly communicate updated data	

Skills

Programming and Software:	Autodesk Inventor (beginner), SolidWorks (intermediate), Excel (beginner), CyberLink PowerDirector (beginner), Clipchamp (beginner), MATLAB (intermediate)
Concepts:	Linear Algebra, Multivariable Calculus, Intro Physics, Principles of General Chemistry, design process, perspective sketching, research (traditional, archival, ethnographic)
Communication:	Presentations, email, infographics, lab reports, multimodal essays, research narratives
Language:	Spanish (intermediate), English (native)
Music:	Double bass
Athletics:	Universal Martial Art

Projects

Automata	<i>February 2019 - April 2019</i>
<i>Creation of looping motion via crank</i> • Made in Intro to Engineering Design class • Modeled in Autodesk Inventor • Assembled via 3D printer and engineering supplies	
Rocket Project	<i>September 2022 - October 2022</i>
<i>Assembly and launch of a small rocket with a report detailing and evaluating the process</i> • Report done in AIAA format • Rocket design planned using OpenRocket	
Toomba	<i>September 2022 - December 2022</i>
<i>Concept design for a Roomba-like invention that puts away all the tennis balls in a tennis court</i> • Modeled and assembled in SolidWorks • PowerPoint presentation and 100-page report detailing the process	

Leadership

Assistant Instructor, Universal Martial Art , Marietta, GA	<i>June 2017 - January 2020</i>
• Helped Chief Instructor lead classes • Taught small breakout groups of students	
Head Instructor, Universal Martial Art , Marietta, GA	<i>January 2020 - Present</i>
• Lead classes when Chief Instructor absent • Able to start and run my own Universal Martial Art school	
Data Management, Pope High School Peer Tutoring Club , Marietta, GA	<i>August 2018 - May 2019</i>
• Created and maintained spreadsheet detailing credentials of every tutor • Developed data input form for tutors to provide essential information	