

# Patrick Gerspach

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github.com/pgerspach | pgerspach.github.io/Portfolio-Main

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<b>Summary</b>	My experience up to a few months ago was grounded in mechanical engineering, management, and consulting. However, my passion is for software and web development and I have been working tirelessly toward equipping myself with the proper knowledge to enter into this incredible digital world. I focus primarily on UX logic and back-end development, and have experience solving problems in multiple languages.	
<b>Skills</b>	HTML, CSS, Javascript, JQuery, Node.js, NoSQL, MySQL C, Java, Python, Git	
<b>Education</b>	University of Notre Dame Bachelor of Science Mechanical Engineering GPA: 3.60/4.00	Notre Dame, IN May 2018
<b>Certifications</b>	Columbia University Coding Boot Camp Certificate of Completion Average Grade: A	New York, NY March 2019
<b>Professional Experience</b>	WestRock Company, Deer Park, NY <i>Engineering, Management Trainee</i> <ul style="list-style-type: none"><li>• Project lead on waste reduction initiative within a manufacturing plant</li><li>• Directed team members in individual assignments contributing to the successful execution of project goals</li><li>• Was promoted to lead man on a \$750,000 boiler replacement project, and saw it through from beginning to end</li><li>• Effectively and efficiently managed contractors and plant staff to ensure optimization of the project process</li></ul>	June 2017 – Present
	MG Engineering D.P.C, New York, NY <i>Mechanical Engineering Intern</i> <ul style="list-style-type: none"><li>• Drafted HVAC designs using AutoCAD in New York high-rise office floors</li><li>• Carefully surveyed job sites, including both demoed and partially demoed spaces, and took comprehensive notes to use in HVAC design</li></ul>	May 2016 – July 2016
	ProMazo, South Bend, IN <i>Technical Analysis Consultant</i> <ul style="list-style-type: none"><li>• Directed the technical analysis element of developing a consumer product for a Fortune 500 home appliances company</li><li>• Conducted experiments, compiled findings, and wrote a detailed memo making a professional recommendation regarding a technical component of the product</li></ul>	February 2016 – May 2016
	Stanford Hall Basketball, Notre Dame, IN <i>Team Captain</i> <ul style="list-style-type: none"><li>• Recruited for largest ever turnout at Stanford Hall basketball tryouts, and attained record fan attendance</li><li>• Reached playoffs for first time in team history</li></ul>	May 2017 – May 2018