Patrick Gerspach

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github.com/pgerspach

Education	**University of Notre Dame** Bachelor of Science Mechanical Engineering GPA: 3.60/4.00	Notre Dame, IN May 2018

Certifications | **Columbia University Coding Boot Camp** | New York, NY
Certificate of Completion — March 2019
Average Grade: A+

Professional Experience

WestRock Company, Deer Park, NY — July 2018 – Present
Management Trainee
- Project lead on waste reduction initiative within a manufacturing plant
- Directed team members in individual assignments contributing to the successful execution of project goals

WestRock Company, Deer Park, NY — June 2017 – August 2017
Engineering Intern
- Was promoted to lead man on a $750,000 boiler replacement project, and saw it through from beginning to end
- Effectively and efficiently managed contractors and plant staff to ensure optimization of the project process

MG Engineering D.P.C, New York, NY — May 2016 – July 2016
Mechanical Engineering Intern
- Drafted HVAC designs using AutoCAD in New York high-rise office floors
- Carefully surveyed job sites, including both demoed and partially demoed spaces, and took comprehensive notes to use in HVAC design

ProMazo, South Bend, IN — February 2016 – May 2016
Technical Analysis Consultant
- Directed the technical analysis element of developing a consumer product for a Fortune 500 home appliances company
- Conducted experiments, compiled findings, and wrote a detailed memo making a professional recommendation regarding a technical component of the product

Leadership

Stanford Hall Basketball, Notre Dame, IN — May 2017 – May 2018
Team Captain
- Recruited for largest ever turnout at Stanford Hall basketball tryouts, and attained record fan attendance
- Reached playoffs for first time in team history

Best Buddies, Notre Dame, IN — August 2015 – May 2018
Activities Coordinator
- Created and planned the first ever Best Buddies field day, which has become an annual tradition and one of the most popular events

Skills

HTML, CSS, Javascript + JQuery, Node.js, NoSQL, MongoDB, C, Java, Excel