

Luke Sterling Rakers

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EDUCATION

- University of Alabama** | Master of Business Administration August 2021 - May 2023
- GPA: 4.000/4.000
 - Focused Area of Study: Business Analytics
- University of Alabama** | Bachelor of Science in Chemical Engineering August 2017 - May 2022
- GPA: 3.859/4.000
 - Minors: Mathematics, Randall Research Scholars
 - Special Programs: University Honors, STEM Path to the MBA, Randall Research Scholars
 - Undergraduate Research: Temperature Swing Solvent Extraction | Chemical and Biological Engineering Department
 - Skills: Fortran, C#, SQL Server, Microsoft Documents, Communication, Problem Solving, Project Management

EXPERIENCE

- Consulting Analyst Intern** June 2022 - August 2022
Insight Sourcing Group | Peachtree Corners, GA
- Performed analytics to develop recommended strategies and presented findings to my team and our clients
 - Communicated with multiple suppliers to help manage projects and drive results
- Process Engineering Co-op** August 2019 – May 2021
SABIC Innovative Plastics | Burkville, AL
- Gained experience as a full-time process engineer while working in SABIC's Utilities, BPA, and Resin plants
 - Developed a solution to combat elevated plastic and BOD in the wastewater stream
 - Installed and modified instrumentation to improve process efficiency, longevity, and safety
 - Assisted with maintenance and corrective projects during a plant outage
- Software Development Intern** June 2015 – July 2015
Cotopaxi, LTD. | Skelmersdale, United Kingdom
- Developed a plan for a user-friendly interface for the Cotopaxi company website to improve customer interaction
- Oak Mountain Youth Baseball Umpire** January 2015 - Present
OMYBS | Birmingham, AL
- Officiated games, enforced rules, made unbiased judgment calls, and handled disciplinary actions
 - Assisted the lead umpire in training new employees

EXTRACURRICULARS & LEADERSHIP

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| ECDC Career and Co-op Ambassador (April 2021 – Present) | AIChE (Aug. 2018 – Present) |
| RRS Community Dimension Leader (May 2020 – Present) | Mission Bama Serves (Oct. 2017 – Present) |
| B.E.S.T Robotics High School Mentor (Aug. 2019 – Dec. 2019) | Freshman Forum (Oct. 2017 – Mar. 2018) |
| Chemical Engineering Ambassador (Jan. 2019 – Present) | Intramural Sports (Aug. 2017 – Present) |
| Hillcrest HS Academic Mentor (Aug. 2018 – Dec. 2018) | Bama Catholic (Aug. 2017 – Present) |

HONORS & AWARDS

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| President's List - Fall 2020,
Spring 2020, Spring 2018 | Mortar Board Honor Society | UA Presidential Scholarship |
| Dean's List - Fall 2021, Fall 2018,
Fall 2017 | Blue Key Honor Society | JGG Frost/Vulcan ChemE Scholarship |
| 2018 URCA Research Conference -
2 nd Place (Health Sciences Div.) | Omega Chi Epsilon CHE Honor Society | UA Computer Based Honors Scholarship |
| RRS Leadership Award | Golden Key Honor Society | Syble H. & James M. Simon Scholarship |
| Tau Beta Pi Eng. Honor Society | Sigma Alpha Lambda Honor Society | North Shelby Rotary Club Scholarship |
| ODK Honor Society | Phi Eta Sigma Honor Society | Alumni Scholar Award |
| | Alpha Lambda Delta Honor Society | Mudd-Anderson Educational
Achievement Endowed Scholarship |
| | National Society of Collegiate Scholars | Alabama AWMA Scholarship |
| | National Society of Leadership & Success | |