

JULIAN A. FLOREZ

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EDUCATION

University of Michigan, Ann Arbor, MI

Anticipated graduation 2023

Major: Industrial & Operations Engineering

Minor: Complex Systems, GPA: 3.8

Emphasis: Sustainability & Energy (taken [EAS 615](#))

WORK EXPERIENCE

Boundless Impact Research & Analytics, New York, NY

Fall 2021

Research Intern

- As a member of a sustainability-oriented market-intelligence [platform](#), I am collaborating with diverse industry leaders to conduct interviews, research sustainability trends, and communicate insights to a growing hub of impact leaders.

Santa Fe Institute, Santa Fe, NM

Summer 2021

Complexity Researcher

- Through the [Undergraduate Complexity Research Program](#) (formally REU), I worked with faculty on a self-created complex systems research project analyzing environmental waste scaling properties and circular economy interactions to deliver growth recommendations at a company level.

University of Michigan, [Asset Lab](#), Ann Arbor, MI

2019-2021

Lab researcher II (2021)

- Researched, designed, and developed a multi-objective optimization model for the retirement of coal plants in the Mid-Atlantic region to inform future policy decisions.

Lab researcher I (2019-2021)

- Conducted research on renewable energy capacity values in a *National Assessment of Wind and Solar Resources*. Developed a power system model, ran simulations on Michigan's Supercomputing cluster, and synthesized results into a peer reviewed research [paper](#). Presented work at multiple conferences ([ERS](#), [MUSE](#), [ISST](#)).

Microsoft, Redmond, WA

Summer 2019

Software Intern

- Worked alongside software engineers, attorneys, and product managers to create and implement a widely adopted open-source telemetry [package](#) within Microsoft Office.

SKILLS

Python, MATLAB, R, Tableau, TypeScript, AutoCAD, SolidWorks, Git, C++, and Java

ACHIEVEMENTS

LinkedIn Course Certification: [Become a Supply Chain Manager](#), 2021

[Michigan Journal of International Affairs](#): Staff Writer, ([recent piece](#)) 2021

Dean's List & Merit Scholarships Recipient, University of Michigan, 2019-present