Nicholas Skelley

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EDUCATION

Emory University August 2018 - *Present*
Economics BA, Math Minor
Expected May 2022
GPA: 3.917; Major GPA: 3.967
Relevant Coursework:
- **Economics**: Microeconomic Theory I (Graduate); Econometrics; Causal Inference; Game Theory; Experimental Economics; Behavioral Economics; Intermediate Macroeconomics; Honors Research
- **Mathematics**: Calculus I, II, & III; Linear Algebra; Proof Writing; Differential Equations (*Upcoming*)

RESEARCH EXPERIENCE

Emory University Department of Economics - Honors Program May 2021 - *Present*
Honors Student

- Advised by Dr. Kelli Lanier, developing an original research question in the field of behavioral economics for conducting an experiment and writing a thesis
- Extensively reviewed literature in economics and psychology regarding deception, risk taking, desperation, prosocial (and antisocial) behavior, and relevant experimental methods previously used in peer-reviewed research
- Designing a game to be playing in the lab during the spring semester and preparing a proposal for Institutional Review Board approval

Emory Summer Undergraduate Research Experience (SURE) June 2021 - August 2021
Undergraduate Research Fellow

- Worked full-time with Dr. Stephen O'Connell studying household reorganization and social program manipulation as a result of cash transfers to Syrian refugees in Lebanon
- Performed extensive data manipulation and analysis in R and created automated processes for creating data visualizations and regression models
- Modified packages in R to handle large datasets and to tailor outputs to our needs
- Wrote programs for identifying bandwidths and power for conducting analysis of social program effects using a regression discontinuity design
- Collected relevant literature through EBSCO and Emory University databases and wrote a literature review on child fostering, social program manipulation, and prior research on the effects of aid programs to refugees
- Analyzed trends in the data and wrote a draft manuscript ("Endogenous household reorganization and social welfare program manipulation," with Stephen D. O'Connell) in preparation for submission to a peer-reviewed journal

Emory Economics Policy Lab August 2020 - December 2020
Research Assistant

- Worked with a team of undergraduate research assistants under Dr. Stephen O'Connell on analyzing the effects of unconditional cash transfers to the poor on women and children
- Performed data cleaning, visualization, and analysis tasks in R
- Developed regression discontinuity models for analyzing the effects of two different assistance treatments on a wide variety of well-being outcomes
- Wrote a technical report detailing the data cleaning and analysis process and a summary of the results
- Gave a presentation on best coding practices, code style guides, and linting (with particular attention to R) to Dr. O'Connell and the full lab

Professional Experience & Community Involvement

Emory University Office of Residence Life   August 2020 - *Present*
Resident Advisor

- Serve as a resource and mentor to thirty-one first-year students for academic, personal, and residential needs, including fostering a sense of belonging on the floor by being visible and available and by hosting educational events.
- Serve on-call in a crisis-response role throughout the semester, being prepared to respond to a variety of situations from noise complaints to mental health crises.

Emory Residence Hall Association   April 2020 - May 2021
Vice President of Marketing & Technology

- Oversaw a committee of 10+ members responsible for managing messaging and marketing for an audience of almost 11,000 Emory undergraduates.
- Created a cohesive visual brand and drove a 20% increase in Instagram followers with a 2.7-point increase in teh follow ratio through a data-driven approach to engagement and followers.

Emory University - Intermediate Microeconomics   August 2020 - December 2020
Teaching Assistant

- Held virtual meetings with students to answer questions about course material and regularly graded quizzes and provided feedback for over 60 students within a few hours

iD Tech   May 2020 - August 2020
Virtual Instructor

- Provided introductory lessons in writing (non-visual) code, logical reasoning, and debugging to over 70 students between the ages of 6 and 12 from around the world through synchronous virtual classes.

Emory University - Econometrics R Lab   January 2020 - May 2020
Teaching Assistant

- Performed administrative tasks, including creating online quizzes and aggregating datasets, for the class.
- Worked individually and in small groups with students to answer questions about programming assignments and help them identify errors in their code, including holding virtual meetings with students in international time zones during the COVID-19 pandemic.

Additional Skills

- **Programming:** R, LaTeX, SQL, PHP, Java, C#, Lua, jQuery, JavaScript, HTML, CSS, Swift
- **Adobe Creative Cloud:** Illustrator, Photoshop, InDesign, After Effects, Lightroom, XD
- **Microsoft Office:** Word, PowerPoint, Excel, Teams
- **Languages:** French (Intermediate)
- **Certificates:** Mental Health First Aid (National Council for Behavioral Health, 2020-2023)