

Last Updated:
December 2, 2021

Nicholas Skelley

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EDUCATION

Emory University

August 2018–*Present*

Economics BA, Math Minor
GPA: 3.917 (Major: 3.967)
Expected Graduation: May 2022

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*), Abstract Vector Spaces (*Upcoming*)

Dean's List: Spring 2019, Fall 2020, Spring 2021

Omicron Delta Epsilon (International Economics Honor Society), Economics Honors Program

RESEARCH EXPERIENCE

Honors Student

Emory University Department of Economics Honors Program

July 2021–*Present*

- 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

Undergraduate Research Fellow

Emory Summer Undergraduate Research Experience

June 2021–August 2021

- 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 in preparation for submission to a peer-reviewed journal

Stephen D. O’Connell and Nicholas Skelley, “Endogenous household reorganization and social welfare program manipulation,” 2021. *In preparation for submission to a peer-reviewed academic journal.*

Research Assistant

Emory University Economics Policy Lab

August 2020–December 2020

- Programmed in R with dplyr and ggplot2 to create regression discontinuity specifications to assess the effects of policies on specific welfare outcomes.
- Wrote procedural code to seamlessly create models and graphics for 198 different outcome-bandwidth-treatment specifications with the flexibility to easily add or remove objects.

PROFESSIONAL EXPERIENCE

Resident Advisor

Emory University

August 2020–*Present*

- Serve as a resource and mentor to thirty-one first-year students for academic, personal, and residential needs.
- Foster community in the building by being visible and available and by putting on community gathering and 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.
- Received a certification in Mental Health First Aid from the National Council for Behavioral Health (August 2020)

Virtual Instructor

iD Tech

May 2020–August 2020

- Taught video game development for one of the most popular platforms for young audiences to over 70 students between the ages of 6 and 12 from around the world.
- Provided introductory lessons in writing (non-visual) code, logical reasoning, and debugging, along with lessons in engagement, player retention, and monetization.

SERVICE & VOLUNTEERING

Teaching Assistant: Intermediate Microeconomics

Emory University

August 2020–December 2020

- Regularly graded more than 60 quizzes within a span of a few hours while providing notes and feedback to students explaining why answers were incorrect.
- Held virtual meetings with students to answer questions about course material.

Teaching Assistant: Probability and Statistics Lab (R)

Emory University

January 2020–May 2020

- 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.
- During distance learning due to COVID-19, held virtual meetings with students in international time zones to continue providing support and assistance for their final projects.

Sophomore Advisor

Emory University

August 2019–March 2020

- Served as a resource and mentor to sixteen first-year students for academic, personal, and residential needs.
- Fostered community in the building by hosting events to create a sense of belonging and engage with the Atlanta community.

ACTIVITIES & COMMUNITY INVOLVEMENT

Vice President of Marketing and Technology

Emory Residence Hall Association

August 2020–May 2021

- Oversaw a committee of 10+ members responsible for managing messaging and marketing for an audience of almost 11,000 Emory undergraduates.
- Drove a 20% increase in Instagram followers with a 2.7-point increase in the follow ratio through a data-driven approach to engagement and followers.
- Created a cohesive visual brand and have worked to create applicable and enforceable standards for organization-wide use.

Web Developer and Design Director

The Emory Spoke

September 2020–August 2021

- Built a website each semester to showcase articles in a magazine format, parodying a major, real-world publication.
- Created a content management system with PHP and SQL to efficiently generate and update article webpages and home page content.

Promotion and Social Media Administrator

Dooley's Tavern

July 2020–May 2021

- Created a brand and marketing strategy for the launch of Emory's student-run virtual community hub designed to promote student engagement and interaction during the pandemic.
- Collaborated with three student organizations and the university to execute the marketing strategy, attracting more than 1000 members within three days of launch.

Peer-to-Peer Masterclass: Web Development and Design

The Emory Hatchery

May 2020

- Discussed the process of designing and building a website with HTML, CSS, and jQuery as one of the first presenters in the Hatchery's peer-to-peer masterclass pilot series.
- Answered questions about design, inspiration, tools, and resources involved in the web development process.
- bit.ly/skelley-hatchery

Co-Chair of Social Media and Publicity

Emory Alabama Hall Council

September 2018–May 2019

- Created flyers and worked with the other co-chair on developing an effective social media strategy by encouraging attendance and participation at campus events.
- Consistently demonstrated greater success at engaging residents than any other building on campus, winning Dooley's Bowl in large part due to regularly having high resident turnout at events.

ADDITIONAL SKILLS

Programming: R, L^AT_EX, SQL, PHP, Java, C#, Lua, jQuery, JavaScript, HTML, CSS, Swift

Adobe Creative Cloud: Illustrator, Photoshop, InDesign, After Effects, Lightroom, XD

Languages: French (Intermediate)

Certificates: [Human Subject Research Track \(RCR\)](#) (CITI Program, October 2021), Mental Health First Aid (National Council for Behavioral Health, 2020-2023)