

Mandy Davis

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EDUCATION

Northwestern University | Evanston, IL

Anticipated: June 2021

Weinberg College of Arts and Sciences | Bachelor of Arts | GPA: 3.839/4.000

Majors: Psychology, Science in Human Culture | Minor: Computer Science

AWARDS & HONORS

- Dean's List: Winter 2018, Spring 2018, Fall 2018, Winter 2019, Spring 2019, Fall 2019
- 2018 Academic All-Big Ten Honors and 2018-2019 [Big Ten Distinguished Scholar](#)
- Winfred Hill Award for best final paper in Research Methods in Psychology
- [Kabiller NU For Life Award](#) (\$5,000 career development grant)
- 2020 [Circumnavigator's Travel-Study Grant](#) recipient

RESEARCH & PROFESSIONAL EXPERIENCE

Northwestern Social Media Lab, Research Assistant | Evanston, IL

June 2018 – March 2019

June 2020 – present

- Collaborated with a PhD candidate and another research assistant to form and refine a codebook to classify audience-reaching strategies on Facebook, applied a coding scheme to identify patterns in qualitative data from an interview study about transgender users of dating apps, organized participant data, and searched for and interpreted research papers
- Aid a PhD candidate with various tasks to ensure the completion of her dissertation on folk theories (users' ideas about how social media platforms' algorithms work)

Code Ninjas, Coding Instructor | Chandler, AZ

June – August 2019

- Led a camp, events, and drop-in tutoring sessions to teach kids how to code using Scratch; introduced essential computer science concepts, developed STEM-related educational activities, guided kids through coding games

Academic Year Undergraduate Research Grant, Researcher | Northwestern University

October 2018 – May 2019

- Awarded \$525 to conduct an independent research project under the guidance of Professor Jeremy Birnholtz, PhD titled "Challenging traditional dating scripts: female initiator requirements in dating apps"
- Conducted an online experiment using Qualtrics and Amazon Mechanical Turk; analyzed data using R; wrote an extended abstract of preliminary results; wrote a full-length research paper on final results; gave a ten-minute oral presentation at Northwestern's 2019 Undergraduate Research Expo

inControl LLC, Co-founder | Evanston, IL

March 2018 - Present

- Designed a functional, one-handed video game controller (inControl) with a team of three others as a part of a course project; final prototype, report, and presentation delivered for the *Shirley Ryan AbilityLab*; gained experience with CAD software, 3D printing, laser cutting, and mechatronics
- Selected out of eight teams to receive the Design Award and featured in an article on Segal Design Institute website (<http://design.northwestern.edu/projects/profiles/incontrol.html>)
- Collaborated with group members to write and file a provisional patent and later, a non-provisional patent for our design

LEADERSHIP EXPERIENCE

Northwestern University Women's Varsity Cross Country, Student-Athlete | Evanston, IL

Fall 2017 - Present

- Represent Northwestern during the fall, winter, and spring for cross country, indoor track, and outdoor track, respectively; lead and work with teammates to achieve goals in workouts and competitions
- Maintain a full course load while running 50-60 miles a week and travelling for competitions around the country

NU for Life Advisory Board, Member | Northwestern University

September 2018 – Present

- Organize professional development events and mentor student-athletes on the best strategies to reach career goals

Office of Undergraduate Research Peer Mentor, Northwestern University

Summer 2019

- Advised peers throughout their first independent research experience over the course of their eight-week projects

TECHNICAL SKILLS

Experience with: R, C++, C#, C, HTML, CSS, git, MATLAB, Qualtrics, LaTeX, Onshape, Adobe After Effects