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 – 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 county, 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, Python, SQL, C++, C#, C, HTML, CSS, git, MATLAB, Qualtrics, LaTeX, Onshape