

MAYA MCPARTLAND

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EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC

May 2026

Bachelor of Science in Psychology

Bachelor of Arts in Computer Science

GPA: 3.9

RELEVANT COURSEWORK

Statistical Principles in Psychology, Applied Machine Learning in Psychology, Artificial Intelligence, Information Visualization, Psychopathology, Psychotherapy, Self-Regulation, Attitude Change

RESEARCH INTERESTS

Anxiety disorders (especially social anxiety disorder), cognitive and social processes in psychopathology, cognitive behavioral therapy and related interventions, digital mental health and technology-mediated treatments, ecological momentary assessment (EMA), computational methods and artificial intelligence in psychological research, technology-mediated behavior and social media use, mental health outcomes associated with digital technology, body image, disordered eating, and muscle dysmorphia.

RESEARCH EXPERIENCE

Quantitative Psychology Intern (Karen M. Gil Internship Program), Winston

January 2026 - May 2026

Center on Technology and Brain Development, *Chapel Hill, NC*

- Support quantitative research examining how social media use relates to adolescent cognitive and social development
- Clean, code, and manage large behavioral and survey datasets for analysis
- Implement automation for participant communication and data collection to improve efficiency

Research Assistant, Rodebaugh Lab, Chapel Hill, NC

August 2024 – May 2026

- Contribute to research on social anxiety disorder and treatment mechanisms
- Conduct behavioral coding and participant observations to ensure data reliability
- Perform literature reviews and statistical analyses in R to identify treatment-relevant patterns

ADDITIONAL EXPERIENCE

Developer Relations Intern, BigID, Remote

May 2025 – August 2025

- Developed interactive Python and JavaScript tutorials to support developer learning
- Contributed to a React-based training platform used by 200+ learners
- Collaborated with engineers and designers to translate technical concepts into accessible educational content

Director of Publicity, AI@UNC, Chapel Hill, NC

August 2023 – January 2026

- Led outreach strategy for a student-led AI research organization, coordinating promotion of workshops, speaker events, and research initiatives to a campus-wide audience
- Managed content planning and cross-team communication to ensure timely dissemination of programming and organizational updates
- Designed and implemented communication campaigns translating complex technical research into accessible, engaging materials

Peer Support LSNER, LSN Peer Support, Chapel Hill, NC

August 2024 – December 2024

- Served as an anonymous peer support listener, providing real-time text-based emotional support to students
- Utilized active listening, validation, and supportive communication techniques in accordance with organizational guidelines

PRESENTATIONS & PAPERS

Independent Research Project: “Human-Like and Traditional AI Chatbots for Treating Social Anxiety Disorder”
Independent Research Course, University of North Carolina at Chapel Hill

Course Research Project: “Modeling Daily Anxiety: Predicting Momentary Worry and Identifying Symptom Patterns in GAD/MDD Using Supervised and Unsupervised Learning”
Applied Machine Learning in Psychology, University of North Carolina at Chapel Hill

Poster: Quantitative Analysis of Social Media Use and Adolescent Development
Winston Center on Technology and Brain Development

PROJECTS***Social Anxiety CBT iOS App — SwiftUI***

July 2025 – Present

- Designing and building an iOS application to guide users through evidence-based CBT techniques and interactive exercises for managing social anxiety

Screen Time Data Extractor — Python, Streamlit

February 2026 - April 2026

- Developed a web application that uses optical character recognition (OCR) to automatically extract and structure screen time metrics from iOS and Android screenshots, reducing manual coding and facilitating behavioral research data collection

Understanding Food Insecurity in the United States Through Predictive Modeling — R

October 2025

- Developed and evaluated predictive models (including Elastic Net regression) using demographic, socioeconomic, and household-level data to identify households at risk of food insecurity

Course Project, Applied Machine Learning in Psychology

RESEARCH & TECHNICAL SKILLS

Programming & Analysis: Python, SQL, JavaScript, TypeScript, Swift, Java

Statistical & Research Tools: Jamovi, Excel, R

Design & Prototyping: Figma, SwiftUI, React, Next.js, D3, Canva

Research Methods: Behavioral coding, survey design, statistical modeling, literature review, data management

AWARDS & HONORS

2026 *Karen M. Gil Intern*

2022 – 2026 *Dean's List*

2022 *National Merit Scholar*

CERTIFICATIONS

CPR/AED Certified

NASM Certified Personal Trainer