

Evan Pačes-Wiles

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github.com/evanrpw

EDUCATION

University of North Carolina at Chapel Hill

B.S. Computer Science

Expected Class of 2028

- Admitted into Accelerated Research Program
- Relevant Coursework: Algorithms and Analysis (COMP 550), Computer Organization (COMP 311), Foundations of Programming (COMP301), Systems Fundamentals (COMP211), Linguistic Variation and Language Change (LING202), Discrete Mathematics (MATH381), Linear Algebra (MATH347), Research Beyond Academia (IDST198)

EXPERIENCE

MURGe Lab

Undergraduate Research Assistant

Fall 2024–present

- Conduct research on rationality of Artificial Intelligence large language models under direction of faculty and postdoctoral student
- Model inference and finetuning using Huggingface Transformers and Weights & Biases running on university compute clusters

EXTRACURRICULARS

Sunrise Movement, UNC Chapel-Hill

Member, Research Team

Fall 2024–present

- Participate on team to research for coal plant report and other environmental justice issues

AI@UNC

Member, Primary Track

Fall 2024–present

- Participate in university club geared toward exploring and applying Artificial Intelligence
- Participate in AI@UNC book club to read and discuss works on AI technology and ethics

Presenter, AI@UNC I/O

Spring 2024

- Present research poster on rationality of AI large language models to students, faculty, and industry professionals at end-of-year conference

PROJECTS

Durham Beat the Heat: Tree Canopy Impact

- Created interactive web application for visualizing urban heat patterns in Durham, NC and exploring the cooling effects of tree canopy coverage
- Addressed the Data-Driven EnviroLab x School of Data Science & Society: Climate Action in North Carolina challenge for HackNC 2025

Stuck in the Smoke—UNC’s Coal Plant and Solutions for a Green Transition

- Coauthored Sunrise UNC research report detailing why UNC still operates a coal plant, its negative effects, and solutions for replacement

SKILLS

Python, Java, C, HTML/CSS/JavaScript, Git, Linux

References available upon request