

# Evan Pačes-Wiles

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github.com/evanrpw

## EDUCATION

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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

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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

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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

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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

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

*References available upon request*