

Max Wollff

mswollff@wesleyan.edu | [linkedin.com/in/max-wolff-6a3894228](https://www.linkedin.com/in/max-wolff-6a3894228) | mwoff31.github.io

EDUCATION

Wesleyan University

BA

- GPA: 3.89/4.00

Middletown, CT, USA

2021 – 2025 (*expected*)

EXPERIENCE

Research

Wollff Household

- Did basic machine learning research with my father, and we published two papers together. One was on the security of neural text detectors and was accepted to a workshop at ICLR 2020; the other was on gaining a better understanding of feature preference in CNNs and was accepted to SVRHM 2021.

January 2020 – May 2021

Los Angeles, CA, USA

Volunteer/Engineer

AI4K12

- Built a web-based educational demonstration of facial detection using TinyYOLOv2. This was done under the supervision of David Touretzky at Carnegie Mellon.

August 2020 – April 2021

Remote

Research Intern

Carnegie Mellon University

- Worked remotely with Mahmood Sharif on improving the security of facial recognition algorithms.

July 2019 – November 2019

Remote

Research Intern

University of Illinois at Urbana-Champaign

- Worked with Professor Christopher Fletcher on using capsule networks for unsupervised learning and generative modeling.

June 2018 – August 2018

Urbana, IL, USA

PUBLICATIONS

Signal Strength and Noise Drive Feature Preference in CNN Image Classifiers | Max Wolff, Stuart Wolff | SVRHM 2021

Attacking Neural Text Detectors | Max Wolff, Stuart Wolff | Trustworthy Machine Learning @ ICLR 2020

TECHNICAL SKILLS

Programming Languages: Python

Frameworks: PyTorch, TensorFlow

Languages: English, German (in progress)