

Anneke Wernerfelt

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EDUCATION

Haverford College, Haverford, PA Expected May 2024
Bachelor of Science in Computer Science Minors: Math, Neuroscience
Danish Institute for Study Abroad, Copenhagen, Denmark Fall 2022
University of Pennsylvania, Philadelphia, PA Expected May 2025
Master of Engineering in Computer and Information Science (Accelerated Master's)

COURSEWORK

CS: Machine Learning, Ethical Algorithm Design, Data Science, Data Structures, Computer Graphics
Math: Linear Algebra, Multivariable Calculus, Discrete Math, Statistics

SKILLS

Python (PyTorch, TensorFlow), JavaScript, Java (Codename One, Android Studio, Node.js), R, MATLAB, MySQL, Git, Swift, HTML, CSS, LaTeX, PHP, flutter/dart, Swift, JSON, APIs, Django

RESEARCH

Robot Learning Researcher, Brown University (Providence, RI) Summer 2023
– Work in Dr Stefanie Tellex's Humans 2 Robots lab; currently building a dataset for robot navigation and manipulation

Unconscious Memory Researcher, DIS (Copenhagen, Denmark) Fall 2022
– Found evidence that brief subliminal stimuli are processed at a semantic level

Adversarial Attacks Researcher, University of Maryland (College Park, MD) Summer 2022
– Machine learning research at REU-CAAR; implemented data poisoning attacks on novel architectures
– Crafted defenses against adversarial attacks on facial recognition models

Incremental Translation Researcher, Haverford College (Haverford, PA) Spring 2022
– Measured success of machine translation models on verb-final Japanese sentences translated to English using incremental translation. Paper submitted to the International Joint Conference on Natural Language Processing (AAACL-IJCNLP)

Spread of Misinformation Researcher, MIT (Cambridge, MA) Summer 2019
– Human Cooperation Lab
– Showed that users are more likely to share fake news when they're tired, indicating their ability to detect misinformation. Analyzed Twitter data with self-taught Python skills and the pandas library

WORK EXPERIENCE AND PROJECTS

Calculus Course Assistant, Haverford College (Haverford, PA) Aug 2021 - present
Grade and provide classroom assistance for Calc II

Data Visualization Intern, Scattergood Foundation/Haverford College Libraries Summer 2021
Made front- and back-end changes so that publishing to [this site](#) is accessible to people with a range of skill sets

Recipe finder app

Allows users to search for recipes with or without a desired ingredient; intended user base is people with allergies. Used CodenameOne and Android Studio.

Games

Coded from scratch my own version of Blackjack, Mario Bros, and Whack-a-mole, graphics included [Link to Demo](#)

CodePath– Android University

Project-based course for Android mobile app development (passed with honors) Spring 2021

LEADERSHIP AND ACTIVITIES

Mentor, Computer Science Department
– Mentor 3 underclassmen in navigating CS department and advise them for a career in tech

Board Member

HaverCode
– Club facilitates communication between the CS Department and its students and organizes workshops for students to improve their technical abilities and professional development skills

Member, Women's Club Soccer and Club Hockey