

Anh Do

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EDUCATION

University of Illinois Urbana-Champaign

B.S. in Computer Science; Minor in Statistics; Certificate in Data Science

Honors & Awards: Dean's List (Fall 2022–Fall 2023); James Scholar (Fall 2023–Present)

Expected December 2025

GPA: 4.0/4.0

RELEVANT COURSEWORK

Data Structures, Algorithms, Applied Machine Learning, Data Science Discovery & Exploration, Statistics & Probability I

EXPERIENCE

Mobile App Developer (Lighting and Home Automation Team)

Illinois Solar Decathlon

Urbana-Champaign, IL

February 2024–Present

- Developing a mobile app for home automation and remote appliance and lighting control using OpenHAB
- Researching energy-efficient smart home appliances for a sustainable house sponsored by Habitat for Humanity

Course Assistant (Linear Algebra with Computational Applications)

University of Illinois Urbana-Champaign

Urbana-Champaign, IL

January 2024–Present

- Preview and test Python assignments and provide feedback and suggestions to TAs and instructors
- Hold weekly office hours to assist students with problems using Python and packages including numpy

Undergraduate Research Assistant (Data Platform Team)

PeopleWeave, Caesar Group

Urbana-Champaign, IL

April 2023–Present

- Implementing research paper author name disambiguation method drawing on existing literature using Python
- Developing NLP algorithm for labeling and inferring missing publications data
- Conducting network analysis on graphs using NetworkX

AI Engineering Intern

akaBot, FPT Information Systems

Hanoi, Vietnam

June–August 2023

- Received on-the-job training for applied machine learning, deep learning, and computer vision
- Built model for rectifying & recognizing scene text containing distortions & irregular layouts based on past research
- Prepared & generated synthetic training data for text, table, and UI element recognition

Project Lead

Illinois Data Science Club

Urbana-Champaign, IL

February–May 2023

- Conducted data analysis on 2010-20 gas emissions and census data using Python, pandas
- Examined emissions by industry, location, and gas type to predict climate outcomes and future trends
- Produced data visualizations for emissions by category and time for non-specialist audience with Matplotlib
- Led a team of 4 to investigate future emissions, its impact, and implications for environmental policy

ASL Translator Developer

SIGNLL @ UIUC

Urbana-Champaign, IL

September 2022–May 2023

- Implemented computer vision model for identifying hand landmarks and position from Webcam using MediaPipe
- Collaborated with a team of 5 to develop algorithm for recognizing ASL letter from hand landmarks using Python

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Treasurer

Project:Code

Urbana-Champaign, IL

August 2023–Present

- Devised a new corporate sponsorship scheme, process for executive board transitions, and benefits for members
- Maintaining financial records, managing accounts, and processing funding requests for all RSO activities
- Ensuring all financial activities are compliant with University Policies and Procedures

PROJECTS

Working Time & Task Tracker | Swift

Ongoing

- Developing a MacOS application for managing tasks and tracking working/billable hours

SKILLS

Languages | Python, Java, C++ (Proficient) • JavaScript (Intermediate) • Swift, SQL (Beginner)

Libraries | pandas, NumPy, Matplotlib, seaborn (Proficient) • scikit-learn, OpenCV, NetworkX (Intermediate)