

Abdul Aahad Vakani

aahadvakani@gmail.com | 765.712.2960

EXPERIENCE

DEPAUW UNIVERSITY | INFORMATION TECHNOLOGY INTERN

May 2024 – Now | Greencastle, IN

- Automated mail sorting and IT workflows, improving operational efficiency.
- Developed system to route network issues to appropriate teams.
- Assisted with University login transition to Single-Sign On.
- Prepared hardware for deployment to staff.

DEPAUW UNIVERSITY | RESIDENT ASSISTANT

Jan 2025 – Now | Greencastle, IN

- Fostered inclusive community for 80+ residents; led events for personal and academic growth.
- Supported conflict resolution, crisis response, and peer mentorship.
- Analyzed survey data to inform housing policy.

DEPAUW UNIVERSITY | FIRST YEAR MENTOR

Aug 2024 – Now | Greencastle, IN

- Coordinated with departments to support 300+ new students' transition to college.
- Led structured sessions on academics, resources, and career prep.

DEPAUW UNIVERSITY | HOUSING AND RESIDENCE LIFE INTERN

May 2023 – Aug 2023 | Greencastle, IN

- Managed housing systems and applications for smooth student onboarding.
- Participated in director hiring, assessing and advising on candidates.

PROJECTS AND RESEARCH

MACHINE LEARNING & DATA ANALYSIS PROJECTS |

INDEPENDENT + COURSEWORK RESEARCH

Jan 2025 – May 2025 | Greencastle, IN

- Applied ML classifiers (KNN, Naïve Bayes, Logistic Regression, RF, GBT, SVM, MLP) to text/image data.
- Used k-fold/nested CV, GridSearchCV, and preprocessing (StandardScaler, MinMaxScaler).
- Evaluated via accuracy, F1-score, ROC-AUC; visualized with matplotlib/pandas.
- Analyzed sociolinguistic code-switching data; created reports/presentations.

SUSTAINABLE RECIPE RECOMMENDER | DATA MINING PROJECT (PYTHON)

Aug 2024 – Nov 2024 | Greencastle, IN

- Built ML-based recipe recommender optimizing for sustainability and user preference.
- Led algorithm design and implementation in Python.

EDUCATION

DEPAUW UNIVERSITY

B.A. IN COMPUTER SCIENCE AND ENGLISH WRITING

Expected May 2026 | Greencastle, IN

Dean's List

SKILLS

PROGRAMMING

Python • C/C++ • Java • HTML • CSS • JavaScript

TECHNOLOGY

Git/Github • AWS • Linux
UNIX • Windows • ROS
AI • Automation

COURSEWORK

Machine Learning

Data Mining

Data Structures

Theory of Computation

Foundations of Computation

Computer Systems

Object Oriented Software Development

Calculus I

Calculus II

LINKS

LinkedIn:// Aahad Vakani