HAN LI

hanli.sd05@gmail.com | 732-397-4814 | https://hanli05.github.io

Education

Purdue University - West Lafeyette, IN   **GPA: 4.0**

Bachelor of Science in Artificial Intelligence and Computer Science   Expected Dec 2026

Machine Intelligence and Software Engineering concentrations

Completed Coursework:

   CS 176 - Data Engineering (Python, Pandas, SQL)

   CS 180 - Programming I (Java)

   CS 182 - Discrete Mathematics

   STAT 350 - Introduction to Statistics (R)

Current and Upcoming Coursework:

   CS 240 - Programming in C

   CS 243 - Artificial Intelligence Basics

   CS 250 - Computer Architecture

   CS 251 - Data Structures and Algorithms

Experience

Undergraduate Data Science Researcher - The Data Mine, West Lafayette, IN   Aug 2024 - Present

- ML Developer and Documentation Manager for Indiana Fever Global Competition
Evaluation Project - analyze women's basketball player performances in terms of WNBA
- Utilizing **Python**, **SparkSQL**, **Databricks**, **Azure** to analyze datasets, create models

Data Science Intern - Cancer for College, San Diego, CA   Mar - May 2022

- Conducted comprehensive data cleaning, wrangling, and standardization to transform
and optimize raw mailing lists into structured, sorted datasets for targeted analysis
- Utilized **Python**, **Pandas** for data transformations and analysis

Barista - Dripz Coffee, San Diego, CA   Jun - Sep 2022

- Worked in single-person shifts, utilized organizational skills for positive customer service
- Designed and standardized drink recipe list by collaborating with head baristas

Projects

Group Glimpse | **Flutter, Firebase** - Full-stack mobile chat application that features user account creation and authentication, messaging, chat history, group management, and BeReal-like notification system.

Sokoban | Java, Swing - Recreation of puzzle game that features player movement on 2D grid, obstacle arrangement, game state management, and file-based game configuration.

NBA MVP Predictor | Python, Pandas, Beautiful Soup, Scikit-learn - Scraped basketball websites to generate dataframes for NBA player and team statistics. Combined, cleaned, wrangled data, tested regression models for NBA MVP prediction.

Speedcuber Duels | React, Django - Full-stack web application that features user account creation and authentication, database management, messaging, and multi-user speedcubing game with message invitation.

Skills

Languages: Python, Java, HTML, CSS, JavaScript, C, C#, Dart, SQL, R

Technologies: NumPy, Pandas, Scikit-learn, React, Django, Unity, Flutter, Firebase, SparkSQL

Platforms: VSCode, IntelliJ, Android Studio, Vim, Linux, Databricks, Azure, RStudio

Soft Skills: Collaborative, proactive, diligent, organized

Extracurriculars

Launchpad - Project-based mentorship club for freshmen majoring in CS/DS/AI. Active as freshman mentee and returning as a mentor.

Data Mine Seminar - Complete weekly data analysis projects using R, Python, Pandas, NumPy, Bash. Completed TDM 101 and 102, currently completing TDM 201 and 202.