

HANNA BAWARDI

COMPUTER INFORMATION SYSTEMS BSC DEGREE:- SYSTEMS DEVELOPMENT INCLUDING AI IN INFORMATION SYSTEMS AND MLOPS

As a dedicated Computerized Information Systems student, I specialize in enhancing web-based systems with advanced machine learning models. My experience with Women, Health, and Life With Dignity in Haifa has honed my skills in managing complex data and meeting client needs. Driven by the transformative potential of AI, I aim to innovate in technology, focusing on creating information systems that drive positive societal change.

My website :-

<https://portfoliomine1212.w3spaces.com/>

✉ hannabaw12121313@gmail.com

☎ 0543266316

📅 Jul 25, 2000

🌐 Israel

🏠 Alenbi 95, Haifa, Israel.

SKILLS

python (tensorflow, keras, sklaern, regular expression, nltk, spacy, pandas and numpy, flask|django, seaborn, matplotlib)

tableau | chart studio

• java, javafx • c sql

• html, css, js, php

EXPERIENCE

2022 - PRESENT

DEVELOPER IN REAL-WORLD ORGANIZATION

Women, Health, and Life With Dignity (WHLWD) - Haifa, Israel
<https://www.gmce-haifa-hub.com/women-health-and-living-with-dignity>

In partnership with WHLWD, we refined NLP algorithms for women's health data analysis, under Prof. Alan Hartman and alongside Dr. Markman and team. Our work informed discussions in Knesset committees. I also played a key role in developing the organization's website (A link will be provided to those who request it).

2021 - 2022

PRIVATE TUTOR FOR ARTIFICIAL INTELLIGENCE

Private. Haifa, Isreal

As a private AI tutor, I mentored students on AI/ML projects, homework, and clarified theoretical concepts for them.

EDUCATION

2020 - 2023

COMPUTER INFORMATION SYSTEMS AI SPECIALIZATION - BS.C
University of Haifa. Haifa, Israel

PROJECTS

- **Instagram Threads review Analysis:** Conducted a comprehensive study of the Threads app and devised an initial LSTM model for text classification. <https://www.kaggle.com/code/hannabawardi/threads-instagram-app-analysis-and-initial-model>.
- **Text Suicide Detection Using Keras and Pre-trained Neural Networks:** Analysing text for people who have chance to suicide and fine tuning the bert model to detect suicidal text. https://github.com/hannabaw1212/Suicide_Detection.git
- **WHLWD Medical Analysis:** Developed a NLP based system to analyse and get insights from questionnaires and women's medical reports (The insights were presented to the Israel Knesset committee).
- **Walmart Sales & Weather Analysis:** Explored the influence of weather on sales, predicted rain-impacted sales, and clustered similar weather stations. <https://github.com/hannabaw1212/Walmart-sales-project---data-science-and-machine-learning-project.git>
- **Restaurant Management System:** Built a comprehensive information system using Java and JavaFX, catering to operational needs.
- **Machine Learning Algorithms Development:** Implemented core algorithms from scratch, including Deep Neural Net, KNN, and Adaboost.
- **Airport & Flight Management System:** Designed a system in Java and JavaFX for efficient flight scheduling and airport operations.
-
- **Heuristic Game Solving:** Used advanced techniques like BFS, A*, and DFS in Java to solve game scenarios.
- **Optical Character Recognition (OCR):** Developed a tool for recognizing and converting images of typed or printed text into machine-encoded text.
- **Information Retrieval System:** Crafted a mini-system focused on effective data extraction and information retrieval.
- A chess inspired game with agile development and QA in Java and javaFX

CERTIFICATIONS & COURSES

- Mathematics for Machine Learning and Data Science (Deeplearning.AI)
- Natural Language Processing Natural Language Processing with Classification and Vector Spaces | Probabilistic Models | Sequence Models (Deeplearning.AI)
- Machine Learning Specialization given by IBM
- Deep Learning Specialization (Deeplearning.AI)