FAHIM FRANCIS

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Summary

Graduated with a **BSc in Computer Science from The Hebrew University of Jerusalem**, with a strong foundation **in Python, C, C++, Java, databases, ML**, Gained hands-on experience as a **Software Engineer Intern at Auura Inc**, contributing to real-world projects and collaborating with cross-functional teams.

Motivated software engineer with strong problem-solving skills, a quick learning ability, and a collaborative mindset. **Actively seeking a full-time** position where I can contribute to impactful projects and advance my career.

Education

- **2025: Bachelor of Science (BSc) in Computer Science, The Hebrew University of Jerusalem**
  Relevant Courses

  Software Engineering-95,Databases -93, Introduction to Artificial Intelligence -91
- **2017: Arab-Orthodox School, Haifa: Bagrut in Physics (5 units), Mathematics (5 units), English (5 units), Electronics (10 units). Average Bagrut score of ~115.5.**

Work Experience

- **Auura Inc — Software Engineer Intern**   *May 2025 – September 2025*
    - Developed and maintained features for Auura's backend platform using **Python and PostgreSQL**, improving system reliability and scalability.
    - Implemented **AI-driven** functionalities, including text **embeddings** and automated AI semantic matching algorithms, to enhance platform intelligence and user experience.

Acadimic Projects

- **Predicting Antibiotic Resistance – CBIO Hackathon- Code |** *Grade: 91*

    Designed and implemented an end-to-end machine learning pipeline in **Python,** leveraging **SVM, Random Forest**, and Logistic Regression models to predict antibiotic resistance directly from raw genomic FASTA sequences using k-mer feature analysis.
- **FIFA World Cup Outcome Prediction - Code**| *Grade: 89*

    o Developed a **ML** model to predict match outcomes using historical data and team statistics o Utilized Python and libraries like **pandas** and **scikit-learn**

    o Collaborated with teammates to preprocess data and improve model accuracy

    o Enhanced skills in **data analysis** and predictive modeling.

Professional Skills

Proficient with: **Python, Java, and C, C++**

Also familiar with: **SQL, HTML, CSS, assembly**

IDEs: **PyCharm, Visual Studio, Jupyter Notebook, CLion, and IntelliJ IDEA**

Databases**: MySQL, PostgreSQL**

Platforms & Tools: **Linux, Git, GitHub**

Languages

Arabic: Native | **Hebrew:** Full professional proficiency| **English:** Full professional proficiency