

# MARIA ABERGEL

INFORMATION SYSTEMS STUDENT



## CONTACT

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## SKILLS

**Programming:** Java (OOP, Swing, Spring

Boot), C, SQL, Python (ML basics),

HTML/CSS/JavaScript

**Databases:** SQL (DDL/DML), ERD, JDBC/JPA,

H2, MySQL, MS Access

**System Analysis:** UML, BPMN, DMN,

Requirements Analysis, Process

Optimization

**Algorithms & Data:** Core algorithms, complexity, data structures

**Web & UI/UX:** Thymeleaf, Figma, Responsive

Design, Accessibility, HCI principles

**Machine Learning:** Pandas, Matplotlib,

Scikit-learn, Clustering & Classification

(academic)

**Tools:** IntelliJ, VS Code, Eclipse, Git/GitHub,

Maven, Bizagi, Visual Paradigm, Jupyter,

JasperReports, UCanAccess

## EDUCATION

### UNIVERSITY OF HAIFA

B.Sc - Information Systems - AI track

Graduation expected in March 2027

## SUMMARY

Motivated B.Sc. Information Systems student (AI track) at the University of Haifa, 3rd year. Skilled in **Java, C, and SQL** with experience in algorithms, database design, and system analysis (UML/BPMN/DMN). Experienced in developing full-stack applications using Swing and Spring Boot.

Passionate about building structured, user-centered, and reliable software solutions.

Seeking a **student role** in software development or data engineering.

## LANGUAGES

**English** – Fluent | **Hebrew** – Fluent | **Russian** – Native |  
**Ukrainian** – Native

## PROJECTS

### ● OnlineBanking – Spring Boot Web App

Java 17 · Spring Boot · REST API · JPA · H2 · Thymeleaf · BCrypt  
Secure banking app with authentication, account management, and transactions.

### ● Hospital Management System – Java Swing

Java · Swing · OOP · Serialization · VLCJ  
Role-based desktop app managing hospital operations and persistent data.

### ● Wine Management & Recommendation System

Java · Swing · MS Access · JasperReports · UCanAccess  
Generated dynamic reports by wine type and pairing using ECB architecture.

### ● ShopMate – E-Commerce Cart

Java · Swing + FlatLaf · H2 · Maven  
Implemented catalog, cart, and checkout flow with embedded database.

### ● Online Quiz

Java · FlatLaf · JUnit 5 · Maven  
Interactive quiz app with categories, scoring, and modular design.

### ● ATM Simulation

Java 17 · Swing · FlatLaf · Maven  
Simulated ATM operations: login, deposit, withdrawal, and balance.

### ● DogMate – Web Prototype

HTML · CSS · JavaScript · UI/UX  
Two-sided marketplace prototype connecting dog owners with sitters/walkers.

## EXPERIENCE

### SALES CONSULTANT — H&M

Qiryat Bialik, Israel · Apr 2019 – Nov 2025

Delivered customer service and teamwork in a fast-paced retail role, gaining strong interpersonal and problem-solving skills.