

MARIA ABERGEL

INFORMATION SYSTEMS STUDENT



CONTACT

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- <https://mariturchyn.github.io/PORTFOLIO/>

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), large-scale data processing (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

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.

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

- **Scorpion Minesweeper – Java Desktop Application**
Java 17 · Swing · MVC · Design Patterns · JUnit · CSV
Cooperative Minesweeper built with layered MVC architecture, design patterns, multilingual UI (EN/HE/RU), sound management, JUnit testing, and CSV persistence.
- **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.
- **DogMate – Web Prototype** HTML · CSS · JavaScript · UI/UX
Two-sided marketplace prototype connecting dog owners with sitters/walkers.
- **Personal Portfolio** HTML · CSS · JavaScript