

DANIEL OMESI

Ramat Gan, Israel | omesidaniel@gmail.com | 053-303-9096

Strong problem-solving and analytical skills, with a hands-on approach to tackling complex challenges. Highly motivated and self-driven, always aiming to contribute effectively while continuously improving. Excellent interpersonal abilities, adaptable in dynamic environments, and committed to ongoing professional growth in Software Engineering.

ACADEMIC EDUCATION

Bachelor of Science in Computer Science

October 2021-February 2025

The Academic College of Tel Aviv-Yafo

Courses with High Achievement

- Introduction to Computer Science | Advanced Programming in C Language | Object Oriented Programming and C++ | Computer Structure | Object Oriented Programming in C# and the .NET Framework | Intro to Development in Linux Environment | Data Structures | Practical Prog. Using Design Patterns | Machine Learning with Python | Database Systems | Introduction to Computer Communication | Computability | Java Application Development

Significant Course Projects

Undertook a series of challenging projects throughout the degree program, applying theoretical knowledge to real-world scenarios. These projects emphasized clean coding practices, efficient algorithms, and a thorough understanding of software development principles, preparing for industry standards.

Java Application Development – ShtiCell

- Developed a custom spreadsheet engine in Java, starting with a basic system and expanding it with advanced features like a JavaFX interface and multi-user remote access. The project was inspired by platforms like Excel and Google Sheets.



Practical Prog. Using Design Patterns - Social Media Desktop Application

- Developed a Facebook-inspired social media app using C# and WinForms, featuring user profiles, statuses, and photo albums. Employed various design patterns to enhance scalability and maintainability of the application.



Object Oriented Programming in C# and the .NET Framework – Reversed Tic Tac Toe

- Developed a Reversed Tic Tac Toe game in C# using WinForms, offering single-player against a computer or two-player mode. In this twist on the classic game, players lose by completing a row, column, or diagonal. The application is scalable, allowing players to adjust the game board size for varied gameplay experiences.

WORK EXPERIENCE

Sales Associate (Bug)

2022-Today

In my role as a Sales Associate at Bug Multisystem, a retail company, I have deepened my knowledge of consumer electronics and emerging technologies. This experience has sharpened my problem-solving abilities and technical expertise, which I leverage in my software engineering work.

KEY SKILLS

Coding Languages – Java, C#, C++, C, Python, JavaScript, Linux, HTML, CSS

General – MVC, REST API, Git, GitHub, Design Patterns

Languages – Hebrew (Native), English (Fluent), Spanish (Intermediate)

Links

LinkedIn - <https://www.linkedin.com/in/daniel-omesi/>

Portfolio - <http://www.danielomesi.github.io/portfolio>

GitHub - <https://github.com/danielomesi>