DANIEL OMESI
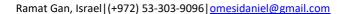
Ramat Gan, Israel|(+972) 53-303-9096|omesidaniel@gmail.com

Excellent interpersonal and social skills. Passionate and self-driven, with strong motivation and initiative, always seeking to improve, contribute, and learn. Committed to embracing challenges and tackling complex problems in a dynamic Software Engineering position, while continuously striving for professional growth.

ACADEMIC EDUCATION

Bachelor of Science in Computer Science
2021-Today
MTA, 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 (In Progress)

- 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, Java, Linux, HTML, CSS

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

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