



SUMMARY

Motivated and disciplined Computer Science graduate with a B.Sc. from The Academic College of Tel Aviv-Yaffo. Passionate about backend and full-stack development with hands-on experience building scalable web and mobile applications. Proficient in C++, C#, JavaScript, Node.js, React, and cloud-based technologies. I am skilled in system design, object-oriented programming, RESTful API development, and Agile workflows. Eager to contribute to innovative engineering teams and grow as a software developer by solving real-world challenges.

EDUCATION

2021-2024 **The Academic College of Tel Aviv-Yaffo**
B.Sc. in Computer Science | GPA:84

2015-2017 **Herzog High School**
Matriculation Certificate

PROJECTS

Near Synonyms Game

Designed and developed a cross-platform educational tool for iOS and Android that helps language learners choose contextually accurate near synonyms. Utilized Natural Language Processing (NLP) techniques and Large Language Models (LLMs) to analyze real-world sentences, calculate perplexity and probability, and provide precise synonym suggestions.

Technologies: React Native, Node.js, OpenAI API

Facebook Client Simulator

Developed a Windows-based desktop application using Facebook's API to demonstrate core design patterns via a WinForms UI. Also, a console-based version of the Facebook client was implemented in C++ to simulate social network functionality.

Technologies: C++, C#, WinForms, Facebook API

WORK EXPERIENCE

2023-2024 Backend Engineer – Academic Industry Project

As part of a structured academic collaboration with a tech company, I worked with a small development team to design and implement a backend service for data migration between multiple systems. I contributed to system architecture decisions, developed RESTful APIs, and built a service layer to unify and standardize data formats.

This experience gave me hands-on exposure to backend development processes, teamwork in a real-world setting, and Agile-style milestone delivery.

Technologies: JavaScript, Node.js, Express.js, MongoDB

SKILLS

Programming Languages:

C, C++, C#, Python, JavaScript/TypeScript, HTML, CSS,

Frameworks & Libraries:

React, React Native, Node.js, Express.js, .NET

Tools & Technologies:

Git, GitHub, Docker, Jenkins, RESTful APIs

Development Practices:

Object-Oriented Programming (OOP), Agile (Scrum), System Design, MVC, CI/CD, Test-Driven Development (TDD), Version Control

Soft Skills:

Team Collaboration, Independent Learner, Problem Solving, Time Management, Leadership, Adaptability, Attention to Detail, Accountability