Bracha Shkolnik

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EDUCATION

2023-Present | Python Backend Developer, Elevation - Course Page
- An intensive 1-month coding Bootcamp that deep-dives into Python while highlighting industry best practices such as working with git, building a secured Python backend with FastAPI and unit testing.

2021-present | Software Engineering studies at the College of Engineering, the Technological College., expanded studies in collaboration with SheCodes. - Graduated with honors and extensions, GPA - 96
- Programming Languages: Java, **C#**, C, C++, Python (Pandas, NumPy, Matplotlib) - Web Technologies: **HTML5**, **CSS**, Bootstrap, **JavaScript**, **React**, **Node.js** - Databases: **SQL** Server, NoSQL - **MongoDB**, PowerBI - Advanced Technologies: Web API, Entity Framework, .NET Core, Java 8 (Spring, Maven, Hibernate), AI - Software Design: Design Patterns - Development Environments: Visual Studio 2022, Visual Studio Code, NetBeans, LinuxGraduated with honors and extensions, GPA - 90
- Building a React website - development and design of a virtual store. Using React-Redux Bootstrap, (score 100%)
- A Design Patterns project in the C# language, building a smart system for managing and maintaining a beverage machine including the use of many Design Patterns, characterization and drawing a detailed UML diagram.

2021-2023 | Education for teaching certification in high schools and schools. Beit Yaakov College - Graduated with honors and extensions, GPA - 99

EXPERIENCE

2023-Present |
Giving private math lessons and for students majoring in software engineering

UNIVERSITY PROJECT

- Fullstack project, Internal project - Establishing an internet system for matching places to flights - the project Developed and managed a highly efficient team to successfully launch an AI-powered online system for flight places matching, utilizing C#, ASP.NET, and Web API technologies; optimized time management, teamwork, and selflearning skills to meet project deadlines. Client side: React. Database: MongoBD
- Graph Visualization Web Application – a fullstack project, combining a Python server implemented with FastAPI, an SQL DB, and using external APIs. The front end is implemented with React. Utilized graph data structure to visualize and operate graph data, enhancing data insights and functionality. - Teamed with three people

TECHNICAL SKILLS
<u>Client Side:</u> **JavaScript** (ES6), **HTML**, **CSS**, **React**
<u>Server Side:</u> Python, FastAPI, Pytest, **C#**, **ASP .NetCore**
<u>DataBase:</u> **SQL**, Pymysql, **mongoDB**
<u>Tools:</u> Git, working in collaboration in Github

LANGUAGES
English Professional working proficiency
Hebrew Native/bilingual proficiency

VOLUNTEERING
2021-Present Youth mentor at youth organization.