YANA PATYUK

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B.Sc. in Computer Science
❖ Development knowledge in **C#, C, C++, JAVA, Python, ASP.NET, Angular.**
❖ Knowledgeable in SQL programming and database planning.
❖ Deep understanding and implementation of OOP / OOD principles Parallel & Multi-threaded programming.
❖ Systematic vision and logical thinking. Quick to master new technologies and a great self-learner with a can- do attitude ability to cope with complex technological challenges Proven work experience in a team and as single - in work and projects in various frameworks, very good interpersonal relationship.

Experience

01/2021– present,Full-Stack Developer, Taldor
- Develop full-stack web applications using **Microservice architecture**.
- Work with **.Net** core (**C#**) , **Angular(TypeScript, CSS, HTML)** & **SQL server** using **GIT** and **Azure DevOps**.
- Scrum **Agile** Methodology.
- Work with project managers, scrum master and other team members.
- Collaborate with other parts of the product development team.

12/2020 – 05/2021, Back-End Developer, Sphera Academy
volunteering nonprofit organizations http://sphera.academy/
- Develop and maintain a **website app (SaaS**) that manages users, collects information, and generates a full website.
- Server written in **Python**, using **Flask** framework, **MongoDB** & **Node.js**, Self-studied **React** for developing Front-End.
- Cooperated with team members in the developing and testing process using **GIT**.

Education

2016 - 2020 - B.Sc. Computer Science at **Bar-Ilan University.**
Relevant Coursework: Machine learning, Artificial intelligence, Introduction to Cyber Security Programming**,** Computer Vision, Big Data, Parallel programming
SKILLS
Programming languages & Technologies: C, C++, C#, JAVA, Python,Angular, SQL, MATLAB, MongoDB, SQL, GIT, HTML5, CSS.
Familiar with: GO, Assembly, JavaScript, Node.js, React, CUDA, Microsoft SQL Server.
Operating System: Windows, Linux, Android.
Other Skills: Software Development, Program Development, Full Stack, Web Development, Unity Game developing, Android App Development, Web Applications, Web Services, Object Oriented Programming, Debugging, Parallel programming, ASP.NET, Back-end**.**

Academic Projects

Final project- Android app & Server development, Bar-Ilan University & Taiwan University
- Collaborated with the Taiwan team to develop a children's game app that studies child development.
- Led **Android app** development using **Unity** and **C#** with **OOP.**
- Collaborated with the client to understand their needs and plan ways to create user-friendly app.
- Investigated the processes of **Unity** to **reduce** saved **memory** for replay mode.
- Cooperated with team members in the designing & planning of the **ASP.NET WEB & Data servers.**

Software Developer: Front & Back End, Services Developer-Project, Bar-Ilan University
- Developed a complete system that includes **ASP.NET Web server**, **Windows application**, service and **Android app.**
- Implemented development of **multi-threaded server** using **OOP** and **design patterns** with **C#.**
- Designed, implemented and improved **Web server**, while collaborating with team members, using **.NET**, **JavaScript, HTML, CSS, XML, MCV/MVVM, React.**
- Produced **high-quality** final systems by ensuring installations, **testing**, and **code corrections** done properly.

Software Developer: Front & Back End- "Reversi" Game - Project, Bar-Ilan University
- Programmed Server and a Client **software application** using **OOP** and **C++**.
- Handled **designing and developing AI** as a computer player in several difficulty levels.
- Implemented a **multi-threaded** system combined with **TCP / UDP** communication.

Military service

2012-2015 Communications Officer, *Release as Lieutenant*
- Managed a technical support team that includes 10 people answering 5 units of 300 users.
- Identified user needs for implementing new technologies.
- Provided quick identification of technical faults and initial solution.

Languages

Hebrew: Native language | **English**: Fluent |**Russian**: Fluent