

# Omar Yasin

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## EDUCATION

### Arab American University

*Bachelor of Computer Science*

### Princeton University

*Algorithms I and Algorithms II*

Jenin, Palestine

January 2020 – August 2024

Online

2024 – now

## EXPERIENCE

### ASAL Technologies

#### Backend

Rawabi

March 2024

- Developed and maintained robust **APIs** using **.NET**, enhancing system integration .
- Optimized backend systems for performance and scalability, significantly improving user experience.
- Implemented security authentication mechanisms and ORM architecture using **Entity Framework Core (EF Core)**.
- Utilized **LINQ** for efficient and readable data querying and manipulation.
- Designed and managed relational and non-relational databases, focusing on data integrity and performance tuning.
- Adhered to clean code principles and design patterns for maintainable and scalable code.

### ITG Software

*Software Engineer Intern*

Remote

October 2023 – December 2023

- **Integrated REST API** seamlessly across multiple projects, optimizing data exchange efficiency and enabling smooth communication between systems.
- Engineered captivating and adaptive web interfaces across different devices using HTML, CSS, and JavaScript for optimal performance and visual appeal.
- Streamlined development processes by implementing build automation techniques with Gulp and Grunt, improving efficiency and productivity.

## PROJECTS

### EasyPark | C#, .NET, React.js, REST APIs

2023 - current

- **Founder of EasyPark:** Conceived and developed a web app aimed at addressing the widespread challenge of parking management in Palestine, using ReactJS and .NET. The idea stemmed from observing how people often struggle to find available parking spaces, especially in crowded urban areas.
- Applied **design patterns and principles**, enhancing the structure and maintainability of the web application. Utilized object-oriented programming (**OOP**) to create scalable and efficient code that can grow with user demand.
- The platform is designed to revolutionize parking accessibility and efficiency, offering a solution that had previously been overlooked in Palestine. It is the first initiative of its kind in the region.
- **Utilized SignalR for real-time communication**, providing users with live data on parking availability and streamlining the user experience.
- Worked as a **Full-stack** developer, managing both front-end and back-end development to ensure seamless functionality and integration across the system.

### JawwalBot

- Developed JawwalBot as a Full Stack Developer at the **Microsoft x FINOMENA Hackathon**. Created API endpoints to **integrate microservices with AI/ML models** in Python, used in a .NET backend.
- Built and designed JawwalBot's interactive frontend using React for a seamless user experience.

## LEADERSHIP

**Led a team to first place** in the final competition of the Algorithms course using C++ at Arab American University.

**Led a team in the Microsoft U-Tech League Hackathon** to the final phase. [LinkedIn Post](#)

## TECHNICAL SKILLS

**Technical:** C/C++, C Sharp, JavaScript, React.js, Python, Java, MongoDB, SQLServer, RESTful APIs, Git, Linux, AWS.