

# Nagham Qarqamaz

**Software Engineer & Full-Stack Developer**

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Portfolio: [nagham-qarqamaz.github.io/portfolio](https://nagham-qarqamaz.github.io/portfolio)

## Professional Summary

Valedictorian graduate with a **92.08%** GPA, excelling in **problem-solving, data structures, and algorithm optimization**. Over **3+ years** of experience as a **Full-Stack Developer**, specializing in **React, Next.js, Laravel, and RESTful APIs**. Proficient in **3D rendering technologies** such as OpenGL, WebGL, Three.js, and Blender. Passionate about **scalable, high-performance software solutions** with a strong focus on **UI/UX and system design**.

## Technical Skills

- **Frontend:** React.js, Next.js, TypeScript, Tailwind CSS, JavaScript, HTML, CSS
- **Backend:** Laravel, Django, PHP, MySQL, RESTful APIs
- **Programming Languages:** C++, C, C#, Java, Python
- **3D & Graphics:** OpenGL, WebGL, Three.js, Babylon.js, Blender
- **Development Tools:** Algorithms, Data Structures, Problem Solving, Git, WordPress, System Design, UML, OOP, Design Patterns

## Education

### Bachelor of Software Engineering

Tishreen University, Latakia, Syria (2018 – 2022)

- Valedictorian with an average of 92.08%
- GPA: 3.50/4.0

## Languages

- **Arabic:** Native
- **English:** Full Professional Proficiency (C1 Level)
- **Spanish:** Limited Working Proficiency (B1 Level)

## Work Experience

### **Freelance Web Developer** 11/2024 – Present

*Stark Technologies, Serbia (Remote)*

- Developed high-performance web applications using React and Next.js.
- Built interactive frontend experiences with optimized UI/UX design.

### **Freelance Web Developer** 08/2024 – Present

*Eyes360, Cairo, Egypt (Remote)*

- Integrated 3D rendering into web applications using WebGL & Babylon.js.
- Delivered responsive, interactive frontend solutions.

### **Front-End Web Developer** 02/2024 – 09/2024

*Divcodes, Beirut, Lebanon (Remote)*

- Developed 3+ React and Next.js applications with TypeScript.
- Integrated 30+ RESTful APIs and enhanced frontend development.

### **Full-Stack Web Developer** 09/2022 – 02/2024

*Aratech, Dubai, UAE (Remote)*

- Worked on 10+ projects using Laravel, JavaScript, and Tailwind CSS.
- Developed 5+ projects with Laravel Nova and Google Map API.
- Contributed to 5+ WordPress projects, including custom theme development.

### **ICPC Contestant - Problem Setter – Coach**

2018 – 2021

- ACPC 2021 Regional Contestant
- Gold Medalist 4<sup>th</sup> place in ACPC for Girls 2020
- Silver Medalist 7<sup>th</sup> place in SCPC 2021
- Problem Setter at SCPC 2020
- Expert rank on Codeforces

# Projects

## [EuNet](#) (Stark Technologies)

A bilingual web hosting site with an AI chatbot.

**Tech Stack:** React, Next.js, Tailwind CSS

## [DIVPOS](#) (DivCodes)

Built a modular e-commerce dashboard with React for adaptability.

**Tech Stack:** React, Next.js, Tailwind CSS

## [E-buy & IDB](#) (aratech)

Developed Laravel-based e-commerce dashboards.

**Tech Stack:** Laravel, Blade, Tailwind CSS

## [University 4th-year Project](#) (university)

Developed an interactive WebGL interface for a problem-solving website.

**Tech Stack:** WebGL, Laravel

## [Other Projects / WordPress](#) (aratech)

Contributed to multiple WordPress-based websites, handling both front-end and back-end tasks.

**Tech Stack:** WordPress

## [Sunglasses Try On](#) (Eyes 360)

3D sunglasses adjustment using Google Face Landmark Detection & Babylon.js.

**Tech Stack:** WebGL, Babylon.js, Svelte

## [Qahwah House](#) (DivCodes)

Led frontend development for an interactive e-commerce website.

**Tech Stack:** React, Next.js, Tailwind CSS

## [University 5th-year Project](#) (university)

Used Three.js & Blender to build 3D structures and smooth camera transitions.

**Tech Stack:** Three.js, Laravel

## [Personal OpenGL Project](#) (personal)

Built custom camera controls and complex leg animations in C++.

**Tech Stack:** OpenGL, C++

# Certificates

## AI-Basel Certificates for Academic Excellence:

[2017 / 2018](#)

[2018 / 2019](#)

[2019 / 2020](#)

[2020 / 2021](#)

[2021 / 2022](#)

## International Collegiate Programming Contest Certificates:

The 2018 International Collegiate Programming Contest:

[Tishreen University](#)

[SCPC: Syrian](#)

The 2019 International Collegiate Programming Contest:

[Tishreen University](#)

[SCPC: Syrian](#)

The 2020 Africa and Arab Collegiate Programming Contest for GIRLS:

[Fourth Place](#)

[Extreme Programmers](#)

[Solid Programmers](#)

[Steadfast Gurus](#)

[First to solve problem A](#)

The 2021 International Collegiate Programming Contest:

[Tishreen University](#)

[SCPC: Syrian](#)

[ACPC: Arabic](#)

# Achievements

- **Noon's Selection Process** (2023, Dubai, UAE)
  - ✓ Solved 14/16 problems in problem-solving tests.
  - ✓ Passed 3 technical interviews.
  - ✓ Trained in e-commerce, databases, and system design.
- Expert Rank on Codeforces (2018 – 2021)
- Gold Medalist in ACPC for Girls (2020)
- Silver Medalist in SCPC (2021)
- AI-Basel Academic Excellence Certificates (2017 – 2022)