

# GAL BEN AMI

## Computer Science student

### CONTACT

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Petah Tikva, Israel.

[Personal Website](#)

[LinkedIn](#)

[Github](#)

### TECHNICAL SKILLS

- C/C++, Java, Python, Shell, Typescript, CSS, HTML, SQL.
- MongoDB, MySQL.
- React, Next.js, Node.js, Symfony.
- Windows, Linux.
- Git, Prisma ORM, Doctrine ORM.

### PERSONAL SKILLS

- Project Management
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

### VOLUNTEER

Life Saving Neighbor  
2021-2022

Defibrillator instructor

### LANGUAGES

- Hebrew (Native)
- English (Fluent)



### PROFILE

Motivated Computer Science student with a solid foundation in object-oriented programming, algorithms, and software development. Experienced in full-stack development. Available for full-time work.



### EDUCATION

**Bachelor of Science in Computer Science** 2022 - 2025  
Ariel University  
**GPA: 85**



### PROJECTS

#### Israel Bridge Federation - *currently in progress*

Developing IBF's brand-new website (frontend & backend) using Next.js, Prisma, Tailwind CSS, and TypeScript.

**QUIC multi streams:** Asynchronous multi-stream QUIC functionality with dynamic frame management, leveraging asyncio for concurrent operations.

**System Design Patterns:** A multi-threaded server using Pipeline and Leader-Follower concurrency patterns to efficiently handle operations over TCP. Optimized performance and scalability with thread synchronization and resource management.



### WORK EXPERIENCE

**Systems Integrator** | Shilat Optronics LTD 2021 - 2022

- Troubleshoot and implemented innovative solutions to enhance product functionality.
- Provided on-site support and maintained strong client relationships.
- Ensured satisfaction and optimal product utilization based on client requirements.
- Mastered technical properties of diverse product range.



### MILITARY SERVICE

**Team Leader & Deputy Company Commander** | IDF 2016 - 2021

- Led 30 recruits as Platoon Commander, Promoted to Deputy Company Commander, overseeing 5 teams.

**Attack Officer** | IDF (*reserve duty*) 2021 - Present

- Directed strike forces toward operational targets, ensuring real-time coordination and oversight.