Ido Gal

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A dedicated student-athlete and aspiring software engineer, seeking opportunities to apply technical expertise and leadership skills in Computer Science.

EDUCATION

University of Cincinnati   **Expected Graduation: May 2026**
Bachelor of Science, Computer Science   GPA: **3.99**
- Relevant Coursework: Data Structure, Python Programming, Linear Algebra, Info Security & Assurance, Deep learning

SKILLS

Programming Languages: Python, C++, C#, JavaScript
Web Development: HTML, CSS, Angular
Tools & Frameworks: Git, PM2, Firestore, MongoDB
Software: Microsoft Office, macOS, linux
Languages: Hebrew, English

PROJECTS

Robot Project | Python
- Designed and programmed a robot using LEGO Mindstorms, automating specific tasks through Python.

Bank Infrastructure | C++
- Developed a banking system that integrated object-oriented programming principles and file I/O to process transactions efficiently.

AI-Powered Educational Platform | React, TypeScript, Node.js, MongoDB
- Developed an AI-powered full-stack platform enabling intelligent tutoring and adaptive multi-subject learning

PROFESSIONAL EXPERIENCE

Software Engineering Intern | Datirium LLC   **Jan 2024 – Aug 2024 | May 2025 - present**
- Led data migration from MongoDB to Firestore, ensuring seamless integration with the new platform and optimizing backend data access
- Developed a fully responsive web platform using Angular and TypeScript, enhancing user experience and performance on multiple devices
- Built a PM2 wrapper to automate platform-to-computer communication, improving efficiency and reducing manual workload
- Collaborated with cross-functional teams following Agile methodologies, utilizing Git for version control
- Took ownership of full-cycle engineering responsibilities, including satellite interaction workflows with Bash/JavaScript, Firestore live updates, unit/E2E testing, and managing Jenkins pipelines for CI/CD

Army Service, Special Education Teacher | IDF Israel   **Aug 2019 – Apr 2022**
- Served in the IDF for three years, successfully completing two months of basic training
- Taught mathematics and physics to special-needs youth, fostering patience, clear communication, and leadership skills
- Designed and implemented tailored educational programs, enhancing student engagement

PROFESSIONAL ATHLETE

- Demonstrated strong teamwork, maintaining a positive attitude with teammates and coaches
- Balanced 20+ hours/week of rigorous training and competitions alongside a full academic course load, demonstrating exceptional time management and commitment
- Developed leadership and analytical skills, regularly evaluating strengths and areas for improvement to achieve personal and team goals

AWARDS & HONORS

- **Charles Somogyi Scholarship |** *Apr 2023*
- **Dean's List |** *Dec 2022 – Present*
- **CEAS International Outreach Participant |** *Aug 2022 – Present*