Gal Cesana

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About Me

Software Engineer Intern at CrowdStrike (Identity Protection Team) with a B.Sc. in Computer Science from The Hebrew University of Jerusalem. Focused on creating scalable, high-performance systems through modern backend and cloud practices. Experienced in distributed microservices, containerized infrastructure, and real-time communication via Kafka. Passionate about solving complex engineering challenges and building clean, maintainable software with impact.

Experience

Software Engineer Intern / CrowdStrike (Aug 2025 – Present)
• Develop and maintain production-grade microservices and virtual machine communication systems.
• Enhance reliability and scalability of distributed identity protection pipelines using Kafka and internal tools.
• Work cross-functionally on CI/CD, Bitbucket automation, and service optimization.

Data Annotation for ML Models / SAIPS (Ford) (2021 – 2022)
• Assisted ML teams building autonomous vehicle models by developing automation scripts for dataset processing.
• Contributed to the improvement of model annotation accuracy and efficiency.

HR Officer – Captain / Israel Defense Forces (2018 – 2021)
• Led a 12-person team managing operations for a 500-member unit.
• Oversaw personnel data systems, logistics, and long-term strategic planning under high-pressure conditions.

Education

B.Sc. in Computer Science / The Hebrew University of Jerusalem
• Focus: Data Structures, Machine Learning, Operating Systems, Software Engineering.
• Selected Grades: Machine Learning Methods – 97 | Software Engineering – 95 | Operating Systems – 87

Projects

Intern-Sheep.com — AI Resume Tailoring Platform
Developed a platform that tailors resumes to job descriptions using Google's Gemini API. Built with Flask, Docker, and LaTeX, and deployed on Google Cloud Platform. intern-sheep.com

Please Don't Steal My Bike — Humorous Anti-Theft QR Site
Designed a playful yet practical website linked by QR code to display ownership details if scanned. Built with HTML, CSS, and JavaScript, deployed on GitHub Pages. View Project

Technical Skills

Languages: Python, C, C++, Java, JavaScript, Go, HTML, SQL, C#
Frameworks & Tools: TensorFlow, PyTorch, Scikit-Learn, Kafka, Docker, Flask, Git, Bitbucket
Domains: Machine Learning, Microservices, Distributed Systems, Cloud Infrastructure

Personal Skills

Analytical | Team-Oriented | Detail-Driven | Creative | Communicative | Adaptable

Tech Focus: Building intelligent systems, scalable backend architectures, and creative automation tools that bridge AI and real-world use.