

Dimitrios Gkegkas

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PROFILE

Curious and driven Robotics Engineer from Greece with a strong background in engineering and international research experience in France and Japan. I thrive in environments that encourage exploration, collaboration, and ownership, and I enjoy building solutions that connect advanced robotics with real-world impact. Currently, I am seeking a Robotics Engineer role where I can contribute to cutting-edge autonomy and AI-driven systems while continuing to grow as an engineer.

EDUCATION

Keio University

Tokyo, Japan

Master of Science in Engineering (JEMARO Double Degree)

Sep. 2024 – Aug. 2025

- Master thesis: **Decentralized Multi-Agent Reinforcement Learning with Communication** for autonomous driving, focusing on **optimization, control algorithms, and safe decision-making in multi-robot systems**.
- Worked extensively with **ROS2, SUMO, pyTorch**, and simulation-based validation of learning-based controllers.

École Centrale de Nantes

Nantes, France

Master in Control and Robotics – Advanced Robotics (JEMARO Double Degree)

Sep. 2023 – Aug. 2024

- Specialized in **control theory, robotic manipulation, optimization, and AI-driven robotics**.
- Project: **Multi-Drone Collaborative SLAM with Kimera-Multi**, implementing **real-time mapping, sensor fusion, and distributed autonomy** in AirSim/Unreal with **ROS2**.

National Technical University of Athens

Athens, Greece

MEng in Electrical & Computer Engineering

Sep. 2016 – Jun. 2022

- Five-year integrated degree covering **robotics, embedded systems, control engineering, and software development**.
- Master thesis: **GAN Metrics for Image Quality Evaluation**, developing an interactive framework for AI model validation using user feedback.

EXPERIENCE

Software Engineer

Apr. 2021 – Present

Enneas

Athens, Greece

- Developed and scaled chatbot systems (Viber, Instagram) using the **MERN stack** (MongoDB, Next.js, React), including a Weather Chatbot that grew to over 250,000 users.
- Built **computer vision pipelines in Python/OpenCV** with automation tools and React interfaces, enabling large-scale digitization of fragile archives.
- Designed immersive **3D/VR web experiences** with Three.js and React Three Fiber, integrating interactive content and real-time visualization.

Software Developer

Jan. 2021 – Jan. 2022

CXM

Athens, Greece

- Developed the first functional prototype of a next-gen Customer Experience Management platform under CTO guidance.

TECHNICAL SKILLS

Programming: C++, Python, Bash, JavaScript, TypeScript

Software Engineering: Linux, Git, CI/CD (GitHub Actions, GitLab), Docker, Networking (TCP/IP)

Robotics & Simulation: ROS/ROS2, Gazebo, AirSim, SLAM, CV, RL

Embedded Systems: Arduino, STM32, PCB Design, Real-Time Systems

AI/ML: TensorFlow, PyTorch

LANGUAGES

Greek: Native

English: Fluent (C2)

French: Intermediate (A2–B1)

Japanese: Beginner

SCHOLARSHIPS

Onassis Foundation Scholarship

2024 – 2025

Onassis Foundation

Advanced Robotics (JEMARO)

France Excellence Europa Scholarship

2023 – 2024

French Ministry for Europe and Foreign Affairs

Graduate Studies in Robotics

COSMOTE Scholarship

2016 – 2020

COSMOTE

National Entrance Excellence