

Location

Juan Les Pins, Alpes
Maritimes, FRANCE.

Contact

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Programming

C#, C++, HLSL,
Compute, Unity3D,
git, Bash

Portfolio links

LGhassen.github.io
KSP2 Dev log

Web & Git

github.com/LGhassen

Languages

English: Fluent
TOEIC: 990
French: Fluent
Arabic: Native
German: Basics

Hobbies

Travelling,
photography, reading,
cinema, hikes and
walks

Ghassen Lahmar

Software engineer, 8 years of experience

Experience

- Aug 23 - Now **Intercept Games - Graphics Programmer** Remote
Kerbal Space Program 2: Implementation of new visual effects, optimization of rendering performance, refactoring and maintainability improvement of legacy code, simplification of artists' workflow. ([Dev log](#))
C#, Unity 3D, HLSL/CG, GPU Compute, Nvidia Nsight, Git, Perforce
- Nov 21 - Jul 23 **MANGOPAY - Backend developer** Paris, France
Development of compliance and fraud monitoring services for internal use. Integration of external providers. Modularization of legacy codebase.
C#.NET, SQL server, RabbitMQ, Octopus, Redis, Postman, Docker, Git
- Sep 18 - Oct 21 **Orange Cloud Services - API developer** Mougins, France
Developing and maintaining high-performance, high availability cloud services. Containerization of legacy services.
C++11/BOOST, multi-threading, Docker, Git, Bash, CMake, Locust.
- May 16 - Aug 18 **Amadeus Rail - Backend developer** Sophia Antipolis, France
Rail Distribution Platform: Application flow, design and development. Working within a cross-functional (backend/frontend) team in a scrum framework.
C++98/11/BOOST, Git, mercurial, Amadeus Internal Tools.
- 2015 - Now **Implementing atmospheric visual effects** Personal project
Implementing precomputed atmospheric scattering, ocean rendering and ray-marched volumetrics for the space simulator Kerbal Space Program.
C#, GLSL, Unity3D, Shader programming. ([Portfolio](#))
- May 15 - Oct 15 **Internship - Final studies project** SAP Labs France, Mougins, France
Analyzing response and mitigation techniques in state of the art IDS tools and literature and developing an adapted mitigation methodology for SAP systems
SAP Hana, SQL, javascript.
- Nov 2013 **Arab Collegiate Programming Contest (ACPC)** Charm el Cheikh, Egypt
Represented Sup'Com and Tunisia: Solving algorithmic problems, optimization problems, and implementing solutions after qualifying 2nd place nationally in Tunisia (C++).

Education

- 2012 - 2016 **Engineering Degree** Higher School of Communications of Tunis (Sup'Com), Tunisia
Specialization: Telecommunications security.
Title of the Thesis: "Towards a guided mitigation of SAP security alerts".
- 2009 - 2012 **Intensive undergraduate course** IPEIEM, El Manar, Tunisia
Main subjects: Mathematics, Physics, Programming and Technology.
National engineering exam: Ranked 17 out of 1500 candidates.
- 2008 - 2009 **Scientific Baccalaureate** Pioneer School of Sousse, Sousse, Tunisia
Main subjects: Mathematics, Physics, Technology. *Highest honor.*