

Paul Lesur

Software engineer

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email

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web & github

lesurpaul.fr
github.com/lesurp

programming

C++
Python
Qt
Rust
C
GNU tools
Java

other skills

Visual odometry
Computer vision
Embedded systems
Project management

languages

French - C2
English - C2
Spanish - B1
German - A1

other

Full driver license

Experience

- 2018-01 **(current) Research engineer** Kaiserlautern, Germany
DFKI
Development of state-of-the-art **SLAM** systems for Augmented Reality, under the supervision of Prof. Didier Stricker.
- 2017 09-12 **Consultant** Toulouse, France
Alten Sud-Ouest
Consultant to Orange SAS, for STB software using **Qt** in an Agile team.
- 2016 05-07 **Embedded software developer** Villeneuve D'Ascq, France
INRIA
3 months internship. Control of an indoor blimp, using various sensors, with remote control using C++ (**OpenCV**, **Boost**), **Python**, and **Matlab**.

Education

- 2016-17 **Exchange student in a CS degree program** Huntingdon, PA, USA
Juniata College,
Software and security engineering, project management, business
- 2012-16 **Engineering degree (M.E) in CS/Electronics** Lille, France
ISEN Lille
Mathematics, physics, computer science, electronics (microcontroller mostly). Technologies used were mainly **C**, **C++**, **Linux**, **Python**, **Java**.

Other

- 2015-16 **Pluggi project** Lille, France
ISEN Lille
Worked on a robot's Raspberry Pi (C/Python/BASH), **CAN** bus communication. Also did the native Android application.
- 2014-15 **Vice-chairman of Crysteo ISEN (robotics club)** Lille, France
ISEN Lille
Managed the people working in the club while working on different technical projects, sometimes taking the role of **project manager**.

Publications

SlamCraft: Dense Planar RGB Monocular SLAM

Jason Raphael Rambach, Paul Lesur, Alain Pagani, Didier Stricker

Proceedings of. IAPR Conference on Machine Vision Applications (MVA-2019), May 27-31, Tokyo, Japan, 2019

other publications

Morpheus Cup 2015 - Best European students project

Paul Lesur, Benoit Piriou, Maximillien Saunier

2015-05-20, Luxembourg, Luxembourg

Concours international Meilleur Objet Connecté-MOC

Benoit Piriou, Paul Lesur, Sandrine Delecourt

2014-11-25, Lille, France, URL: <https://www.aditec.org/publication/les-laureats-du-concours-moc/>