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## EDUCATION

**Engineer degree in Robotics**  
Polytech Paris-UPMC  
2010 - 2013

**Intensive foundation degree**  
CPGE in Mathematics & Physics  
2007 - 2009

## EXPERTISE

### Software development

C++, Python, Android, Kotlin  
Human-robot interaction  
Git, jenkins, graddle  
RaaS  
SAFe Agile Framework  
Jira, redmine

### Product development

Design system  
Figma, Illustrator  
Requirements Gathering and Doc

### Skills

Strong communication  
Team leadership  
Strategic Thinking, Problem solving

## PROJECT

### HEART

Webinar series for robotics and AI enthusiasts

### RAY3D - Tous Inclus

Inclusive mobile game to learn maths  
Product design & developement

## DIVERS

English Graphic Design  
French Podcasts

# MARINE CHAMOUX

## SW engineering manager & Product Owner

## ABOUT ME

I have been leading the HRI team in the software department in Aldebaran for almost 7 years now, addressing the challenges of social robotics to enhance the social intelligence and the attractiveness of our robots.

As an advocate for innovative tech, my desire is to create user-centric products that facilitate seamless human-technology interactions.

## WORK EXPERIENCE

### Aldebaran, United Robotics Group | Paris, France

2020- Present

#### HRI software engineering manager & product owner

Lead a team of 6 android engineers for robotics and researchers.

Define the vision of the IHM for our robots as Product Owner.

Ensure continuous integration & continuous improvement.

Deliver attractive and efficient human-robot interfaces for our robots:

#Android #Kotlin #MQTT #SAFe #Jira #CI/CD #Leadership  
#PeopleManagement

### Aldebaran, Softbank Robotics | Paris, France

2017 - 2020

#### Robotics software manager

Lead a team of 5 R&D robotics engineers and researchers/R&D interns.

Product Owner for expressive and social capabilities of our robots.

Ensure continuous integration & continuous improvement.

Product Owner for release refactoring project within Expressivity team.

#C++ #Python #HRI #DeepLearning #Agile #SDK #Research #Leadership

### Aldebaran Robotics | Paris, France

2014 - 2017

#### Robotics software engineer

Scrum master, co-designer and main developper for the emotion recognition and synthesis modules on Pepper. Architecture in python, then ported into C++.

Developper for Naoqi Driver module, between NAOqiOS and ROS.

Board member of SDK committee, responsible for new architecture and design of our robot's C++ and Android SDKs.

Press and documentary interviews, and conference presentations

#C++ #Python #HRI #Research #SoftwareDevelopment #UX

## PUBLICATIONS & PATENTS

[Patent] [System and method for dialog session management](#)

[Conference paper] [Gaze and filled pause detection for smooth human-robot conversations](#)

[Conference paper] [UE-HRI: a new dataset for the study of user engagement](#)

[Article] [Robot Gaze Behavior and Proxemics to Coordinate Conversational Roles in Group ...](#)

[Article] [How does Modality Matter? Investigating the Synthesis and Effects of Multi-modal Robot ...](#)

[Conference paper] [Exploring Behavioral Creativity of a Proactive Robot](#)

[Conference paper] [Does what users say match what they do? Comparing self-reported attitudes ...](#)