CAROLINE**BEYNE**
COMPUTER ENGINEER

Creative soul in scientific mind.
I like to create things whether it is code or DIY, and balance Art and Technology. As a grown-up kid, I long to work with people sharing the same passion for animation and vfx.

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carolinebeyne.com

github.com/By0ute

@CaroByoute

linkedin.com/in/carolinebeyne

SKILLS

C++ / Python / Lua / Java / C / Matlab / PostgreSQL

Visual Studio / Eclipse / Vim / Git

Qt / PyQt / Boost / Löve2D / OpenEXR / OpenCV / Alembic

LANGUAGES

French
Native

English
Fluent

Spanish
Basic

Korean
Notions

INTERESTS

Travelling

Cooking

Theater

Cinema

References available upon request

EXPERIENCE

December 2014
Shenzhen - CHINA

SIGGRAPH ASIA
Student Volunteer

May 2014 - Nov 2014
Paris - FRANCE

SUPAMONKS STUDIO
Intern - R&D Department

Development of a software for an hybrid 2D & 3D animation rendering (GUI + Core).
From a 3D animation buffer, allows to draw in 2D and interpolates drawings between key frames. Then exports a 2D animation buffer for compositing.

August 2014
Vancouver - CANADA

SIGGRAPH
Student Volunteer

Aug 2012 - Janv 2013
Paris - FRANCE

ALDEBARAN ROBOTICS
Intern - «Studio» Department - R&D

Development of behaviors and applications for the NAO robot : NAO Horoscope / NAO Translate ...
Co-managed a dance show of several NAO robots
Tested new interface for robot's dialogue

bit.ly/WHATS-NAO

EDUCATION

Sept 2008 - April 2015
Paris - FRANCE

EPITA
Master's Degree in Engineering
Major Advanced Computing
Algorithmic / Calculus
Image Processing / Ray Tracing
Meta-heuristics / Machine Learning / Multi-Agent Systems

Feb 2011 - July 2011
Seoul - SOUTH KOREA

UNIVERSITY OF SEOUL
Exchange Semester
Major Computer Science
Engineering & Discrete Mathematics / Compilers
Information Systems Management

PROJECTS

PAF!   STOP MOTION / SHORT MOVIE / ANIMATION
vimeo.com/carob/paf

SIGNATURES RECOGNITION   PROBABILISTIC CALCULATIONS / DATA ANALYSIS / MACHINE LEARNING
bit.ly/By0ute-TRPA

BARCODES DETECTION   IMAGE PROCESSING / DECODING / MATHEMATICAL MORPHOLOGY
bit.ly/By0ute-TIRF

TURTLE CROPPER   3D SHAPES CLIPPING / DEPTH CAMERA / INFRARED DETECTION
vimeo.com/carob/turtlecropper

TRACY   DRAWING INTERPOLATION / 2D/3D / IMAGE SYNTHESIS
vimeo.com/carob/tracy

TETRIS LUA   MINI GAME / TETRIS-LIKE
github.com/By0ute/TetrisLua