CAROLINE BEYNE
SOFTWARE ENGINEER

Creative soul in scientific mind.
I like to create things whether it is code or DIY, and balance Art with Technology. As a grown-up kid, I enjoy working 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 / MEL / MU / Java / C / HTML5/CSS3 / Matlab / PostgreSQL

PyCharm / Visual Studio / Git / Maya / Nuke / Katana / RV / Fabric Engine

Qt / PyQt / Alembic / USD / Boost / Maya API / Löve2D / OpenEXR / OpenCV / OpenNI

LANGUAGES

French	English
Native	Fluent

Spanish	Korean
Basic	Notions

INTERESTS

✈ Travelling   🍳 Cooking

🎭 Theater   🎞 Cinema

vimeo.com/carob/paf

💼 WORK EXPERIENCE

Nov 2016 - Today
Montréal - CANADA

MIKROS IMAGE CANADA
Animation Pipeline TD
Pipeline development
* RV, Shotgun, Tractor, Maya scripting
* Languages: Python, MU, C++, Bash/Shell

June 2015 - Oct 2016
Levallois - FRANCE

MIKROS IMAGE
VFX Pipeline TD
Pipeline development
* Alembic tools for Maya optimization
* Maya, Nuke, Katana scenes scripting and debug
* Shotgun support & Tractor scripting
* USD and Fabric Engine experimentation
* Languages: Python, C++, Bash/Shell

May 2014 - Nov 2014
Paris - FRANCE

SUPAMONKS STUDIO
Intern - R&D Department
Development of an hybrid 2D & 3D animation rendering software (GUI + Core).
* Boost Python (C++/Python binding). Drastically improved computing time
* Image processing from OpenEXR buffers
* Images generation from keyframes interpolation
* Alembic buffer exportation

Aug 2012 - Jan 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

🏢 ORGANIZATION

ACM SIGGRAPH
XSV * Anaheim (USA) - July 2016

PARIS ACM SIGGRAPH CHAPTER
Board Member (October 2015 - October 2016)

ACM SIGGRAPH
Student Volunteer
* Los Angeles - August 2015   * Kobe (JAPAN) - November 2015
* Vancouver - August 2014   * Shenzhen (CHINA) - December 2014
github.com/Byoute/SVCalendarMaker

🎓 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