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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📱 (+1) (438) 924 1819

🌐 carolinebeyne.com

🐙 github.com/By0ute

🐦 @CaroByoute

in linkedin.com/in/carolinebeyne

🪪 open work permit

⚙ SKILLS

C++ / Python / Lua / MEL / MU / Java / C / HTML5/CSS3 / Matlab / PostgreSQL

PyCharm / Visual Studio / Git / Maya / Nuke / Katana / RV / Houdini

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

💬 LANGUAGES

French
Native

English
Fluent

Spanish
Basic

Korean
Notions

♡ INTERESTS

✈ Travelling   🍳 Cooking

🎭 Theater   🎞 Cinema
vimeo.com/carob/paf

💼 WORK EXPERIENCE

May 2017 - Today
Montréal - CANADA

L'ATELIER ANIMATION
Pipeline TD / Software Engineer
Pipeline development
* Maya, Shotgun, RV, Houdini, Nuke
* Languages: Python, MU, C++, Bash/Shell

Nov 2016 - Apr 2017
Montréal - CANADA

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

June 2015 - Oct 2016
Levallois - FRANCE

MIKROS IMAGE
VFX Pipeline TD
Pipeline development
* Alembic tools for Maya
* 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
Code behaviors & apps for robot NAO (Horoscope, Translate ...)
Co-managed a dance show of several NAO robots
Tested new interface for robot's dialogue
▶ bit.ly/WHATS-NAO

🗓 ORGANIZATION

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

ACM SIGGRAPH
Student Volunteer / XSV / Team Leader
* Los Angeles - Aug 2015 * Kobe (JAPAN) - Nov 2015   * Anaheim (USA) - July 2016
* Vancouver - Aug 2014 * Shenzhen (CHINA) - Dec 2014 * Bangkok (Thailand) - Nov 2017
🌐 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