RONY MURAT

edited via LaTeX

3D " Machine Learning " Backend " Games

SOFTWARE ENGINEER

I enjoy designing simple and reliable computer science powered solutions to solve challenging problems for industrial applications.

Paris 20e, France

(+00)0 00 00 00 00

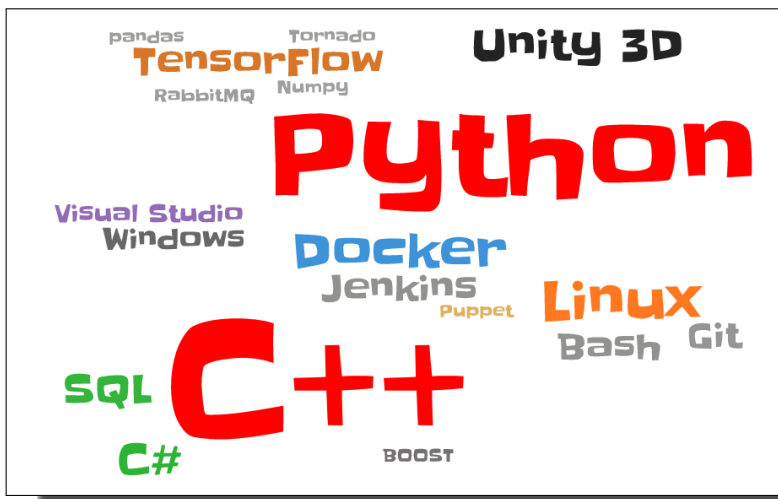rony.murat@gmail.com

github.com/highronn

LOGBOOK

"There have to be reasons that you get up in the morning and you want to live. Why do you want to live? What's the point? What inspires you? What do you love about the future? If the future does not include being out there among the stars and being a multi-planet species, I find that incredibly depressing."
- Elon Musk

CODE OF CONDUCT

I love to learn new things by myself and from other people.
If I can't do something? I will learn how to **do it efficiently**.
As a lazy guy, I **automatize routine tasks**.
Whenever I'm stuck, I pull my head **out of the box**.
I whip myself to **minimize** as much as possible **technical debt** when I code-craft.
I'm a perfectionist and I know when **"Time To Production"** primes.
In order to avoid any stress, I use **automatic tests** to validate every delivery.
I feel proud when the **end user likes the product** I've contributed to.

TECHNOLOGIES

pandas
Tornado
TensorFlow
Numpy
RabbitMQ
Unity 3D
Python
Visual Studio
Windows
Docker
Jenkins
Puppet
Linux
Bash
Git
SQL
C++
C#
BOOST

LANGUAGES (ISO 639-1) PROFICIENCY

rudimentary	AR
elementary	PT JA
full professional working	EN
native or bilingual	FR

HOW I TRAIN MY BRAIN

EXTERNAL
- Kitesurf
- Skydive
- Rollerskate
- Snowboard
- Basket
- Trickz
- Capoeira
- (Speedriding)
- (Wingsuit)

INTERNAL
- Online courses
- Industry events
- Hackathons
- Game Jams
- Programming contests
- Online tech groups
- Books, Comics, Mangas
- Board & Video Games
- Personal side projects

COMMITMENT
- Teaching
- Open Source contribution
- Robot competition
- Self-driving drone racing
- Trading bot
- Quantum computing
- Reading music
- Learning foreign languages
- qwertee.com shirts drawings

(i) "jokes" based on ethnic, social or gender stereotypes do not make me laugh.

Radiates good vibrations when placed in a team.

FLIGHT PLAN

2020

━━ Job   ━━ Formation

Deep Learning Specialization
Coursera — -> 10/2019

Machine Learning
Coursera — 03 months

Backend Software Engineer
Mappy — 19 months
Maintenance/evolution of a graph based **EUROPEAN ROADS NETWORK TRIP CALCULATOR** backend service for millions of users. France vehicle roads closing time series events **DATA-MINING** and analysis for **TRAFFIC PREDICTION**.

Backend Software Programmer
Société Générale Investment — 36 months
VERY LOW LATENCY NETWORK CONNECTORS development performing order passing and price fluctuations reporting over world-around market places.

Co-Founder & 2D GFX Programmer
Ethereal Games — 12 months
START-UP CREATION first experience to develop a phone/web based **ONLINE ROLE PLAYING GAME** with a **PERSISTENT WORLD**.

3D Rendering Engineer
Cyanide Studio — 12 months
REAL TIME SHADER BASED football field **lighted/animated GRASS RENDERING**. Intuitive/tweakable/scalable ingame visual **UI/FX SPAWNING SYSTEM** conception and implementation to address **GRAPHICS DESIGNERS NEEDS**.

Gameplay Engineer
Kylotonn Games — 09 months
REAL-TIME player **MOVEMENTS DETECTION/SCORING** from an **APPROXIMATED SKELETAL TRACKING INPUT** with correction/adaptation/reproduction on a **3D HUMANOID** avatar **SKELETON**.

Computer Vision R&D Engineer
Kylotonn Games — 06 months
AUGMENTED REALITY PLUGIN development/integration into a cross-platform **HOME-MADE GAME ENGINE** performing live pattern recognition and 3D mesh integration onto a webcam based video rendering.

Gameplay Programmer Trainee
Eugen Systems — 04 months
Porting **SCRIPTS** based AI behaviors **INTO C++** to achieve **PERFORMANCE GAINS** on console versions of R.U.S.E.

Computer Science Engineer Degree
I.M.A.C Engineer School — 2008-2011

2008

My life purpose? Live long enough in order to participate in humanity space expansion.

HIRE ME