

Benoit Brummer

né(e) à Bruxelles, le 10 novembre 1989

Moyen de transport : Permis B

Mobilité internationale : Monde

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Études

- 2016 - 2019 **Master en informatique, orientation Intelligence artificielle: données massives, optimisation et algorithmes**
Université catholique de Louvain
- 2014 - 2016 **Bachelor of Science in Engineering – Computer Engineering (B.S.Cp.E.)**
University of Central Florida
Majeure : Computer Engineering
- 2010 - 2013 **Associate in Arts degree**
Valencia College

Mémoire

- Titre Image denoising using convolutional neural networks trained with naturally captured noise
- Promoteur(s) Christophe De Vleeschouwer
- Description Image denoising using convolutional neural networks (CNN), and the "Natural Image Noise Dataset" collected for this purpose. Extension to generative adversarial networks (GAN) and image compression.

Expériences

- 2018 - 2019 Software engineer intern at intoPIX: working on the image encoder/decoder software/hardware validation platform
- 2018 - 2018 Embedded software consultant at LSM Conseil: developed an IAP bootloader that performs firmware upgrade over USB on STM32 platform
- 2006 - 2017 Toscana Ristorante, Transcontinental Car, Domino's Pizza, Tommy Hilfiger, Calvin Klein, Publix, IKEA, Cameron Resources Group, Deliveroo

Langues

- Français Langue maternelle
- Anglais Courant

Informatique

- Applications Linux, pytorch, stm32, OpenAI Gym, mediawiki, darktable, gimp
- Langages C/C++, Python, Java, Scala, R. Some Bash, SQL, Lua, assembly, PHP, Verilog

Intérêts professionnels

Open-source, AI (neural networks, evolutionary computation), embedded systems

Divers

Outdoor adventures, photography and photo development, exercise, art