

# SAMUEL DUBUIS

## 6 MONTHS INTERNSHIP

»» I am in the midst of my master in Communication Systems at EPFL, with a specialization in Signals, Images and Interfaces. I am currently looking for a 6 months internship in the Visual Computing field, in which I could do my Master's Project.

### »»» FORMATION

#### MSc. in Communication Systems

EPFL, 2019/09 - now

» Specialization in Signals, Images and Interfaces

#### BSc. in Communication Systems

EPFL, 2015-2019

» Visual Computing Track

#### Year Abroad

Little Rock Catholic HS for Boys, USA, 2011-2012

- » A year of study and cultural experience in Arkansas, USA
- » Consequently improved my english skills and had the opportunity to play basketball

### »»» EXPERIENCE

#### Project Assistant / Auxiliary

VPSI, EPFL, 2018/06 - now

- » Assistant of operations manager for the school's websites production launch, management of backups and sources of truth
- » Creation and use of automation scripts, in Python, Bash and Ansible
- » Support for the EPFL websites redesign project, CMS migration, implementation of new graphical chart, support to webmasters and daily meetings

#### Student Assistant

CHILI Lab, EPFL, 2018

- » TA during project sessions for the Introduction to Visual Computing course under Prof. Dillenbourg

### »»» MAIN PROJECTS

- » BSc. Project : *Simulation of moiré effects for counterfeit prevention* Innoview Saràl & IVRL, EPFL
- » *Multiple Generative Adversarial Networks analysis for predicting photographer's retouching* CS-413, EPFL
- » Data science for good : *Do you buy healthy* CS-401, EPFL

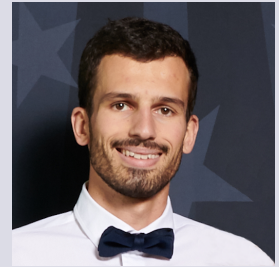
### »»» EXTRA-PROFESSIONAL ACTIVITIES

#### Basketball

- » Player for Sion Basket in 2<sup>nd</sup> Swiss division
- » Team captain in 2014/2015 and 2019/2020 season
- » Assistant coach for multiple camp

#### Volunteer for multiple sport events and organizations

## CONTACT



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in /in/samueldubuis

🚗 Driving Licence + CFF AG

## LANGUAGES

French - C2    English - C1

German - B1    Italian - A2

( Certificate of Advanced English )

## FIELDS

🔍 Signals and Images Processing

👁 Computer Vision

📊 Machine Learning

👤 Deep Learning

📊 Data Analysis

## TECHNOLOGIES

</> Python </> PyTorch </> MatLab

</> JAVA </>  $\text{\LaTeX}$  LaTeX git Git

🌐 WordPress

## TOOLS & OS

</> Jupyter >\_ Terminal 📦 Blender

🖼 GIMP </> VS Code

🐧 Linux 🪟 Windows