SAMUEL DUBUIS | 3 MONTHS SUMMER JOB

❱❱ I recently gratuated from EPFL with a Bachelor in Communication Systems. I also am a basketball player in the second Swiss division, I'm very interested by sport, cinematography, any new technologies and anything that concerns computer science from close or far. Lastly studying in the Visual Computing field, and always ready to discover and learn ! I'm yet in the middle of my Master of Science in Communication Systems.

CONTACT

- 📍 Lausanne, VD, Switzerland
- 📱 +41 77 454 57 54
- ✈ samuel.dubuis@netplus.ch
- ↖ samdubuis.github.io
- ⚙ samdubuis
- in /in/samueldubuis
- 🚗 Driving Licence + CFF AG

LANGUAGES

French	★★★★★
English - C1	★★★★★
(Certificate of Advanced English)	
German - B1	★★☆☆☆
Italian - A2	★☆☆☆☆

FIELDS

⬡ Signals and Images Processing
★★★★★★★★☆☆

</> Coding
★★★★★★★★☆☆

▤ Machine Learning
★★★★★★★☆☆☆

🗄 Data Analysis
★★★★★★☆☆☆☆

TECHNOLOGIES

</> Python   </> MatLab   </> JAVA

</> C/C++   LaTeX LaTeX   git Git

Ⓦ WordPress

TOOLS & OS

</> Jupyter   >_ Terminal   ⬡ Blender

🖼 GIMP   </> VS Code

🐧   ⊞

SKILLS

Adapt easily · Sociable and spontaneous
Leadership · Teamwork · Responsible
Detail oriented · Motivated · Efficient

ACTIVITIES

🏀   🎧   🖥

EXPERIENCE

Project Assistant / Auxiliary   VPSI, EPFL, 2018/06 - now

❱ Assistant/replacement of the operations manager which concerned the school's websites production launch, the management of backups and sources of truth
❱ Creation and use of automation scripts, in Python, Bash and Ansible. Also worked on the development of WordPress plugins
❱ Support for the EPFL websites redesign project, which concerned the websites migration from Jahia to WordPress, implementation of the new graphical chart, support to webmasters and participation in the daily meetings

Student Assistant   CHILI Lab, EPFL, 2018

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

FORMATION

MSc. in Communication Systems   École Polytechnique Fédérale de Lausanne, 2019/09 - now

❱ Specialization in Signals, Images and Interfaces

BSc. in Communication Systems   École Polytechnique Fédérale de Lausanne, 2015-2019

❱ Visual Computing Track

Year Abroad   Little Rock Catholic High School 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

MAIN PROJECTS

❱ BSc. Project : *Simulation of moiré effects for counterfeit prevention*   Innoview Sàrl & IVRL Lab
❱ Predicting photographers retouching with Deep Learning   Computational Photo course EPFL
❱ AICrowd.com project : *Recommander system*   ML course EPFL
❱ Data over Sound : *Exchange of files over the air using speakers*   PDC course EPFL
❱ Do you buy healthy ?: *Big datasets analysis*   ADA course EPFL
❱ See even more on my personnal page : samdubuis.github.io   ...

EXTRA-PROFESSIONAL ACTIVITIES

Volunteer for multiple events and organizations

❱ For SwissBasketball during Finals, National Team games and other basketball related events
❱ Barman for the club of Sion Basket and during the Lausanne 3x3 Masters

Basketball assistant coach   AVsBa, ValBasket Camp, 2016-2020

❱ Teaching of basketball in a pedagogical manner for younger ones, and in a more intensive manner for more experimented kids

Ski teacher   Cours des Mayens, 2010-2015

❱ Ski teaching for advanced young people during the Cours des Mayens

Team captain   Sion Basket LNB, 2014/2015 & 2018/2020 season

REFERENCES

❱ **Emmanuelle Givord**, Chief Project Coordinator at EPFL, +41 79 158 75 20
❱ **Professor Emeritus Roger Hersch**, Recommandation letter as supervisor