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

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- samdubuis
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- 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   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

PROJECTS

❱ BSc. Project : *Simulation of moiré effects for counterfeit prevention* — Innoview Sàrl & IVRL Lab
❱ AICrowd.com project : *Finding the Higgs Boson* — ML 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
❱ Simbaforkids.ch website creation with WordPress — SimbaForKids association
❱ See even more on my personnal page : samdubuis.github.io — ...

EXTRA-PROFESSIONAL ACTIVITIES

Volunteer for multiple events and organizations

❱ 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