



# NICOLAS BRUNNER

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13 may 1994



## ? ABOUT ME

As an IT student, I am passionate about the field of **cybersecurity**. My studies are all focused on **information security** and **data science**.

I work on the third semester of my master and I am actively searching for an internship to finish my degree.

Principally, I love playing sport such as **basketball**, **volleyball** and **badminton**.

I'm fond of **new technologies** and **innovation**.

## 👜 EXPERIENCE

### Tutoring

2011 – 2016

Various tutoring works for students in the fields of mathematics, chemistry and physics

### Internship in Pictet Asset Services | Pictet & Cie

AUGUST 2012

Data sorting

## 📄 PAST PROJECTS

### Road extraction from satellite images | Machine Learning course project

OCT 2017 – DEC 2017

Python, Keras, Machine Learning

### Ad-hoc teamwork in the pursuit domain |

### Bachelor Project in the EPFL Artificial Intelligence Laboratory (LIA)

FEB 2017 – JUN 2017

Java, Artificial Intelligence, Monte Carlo tree

### SpotOn | Android App

SEP 2016 – DEC 2016

Java, Database, Android development, Agile, Scrum

## 🎓 FORMATION

### Master in Communication Systems | EPFL

2017 – NOW

Master semester 3

Specialization in Cyber Security / Data Science

### Bachelor in Communication Systems | EPFL

2013 – 2017

### Maturité Gymnasiale | Collège de Saussure

2009 – 2013

Specialization in Physics and Applied Mathematics

## ✂ SKILLS

### Cyber Security

Cryptography  
Information security  
Media security  
Network security  
Biometrics



### Data Science

Data Analysis  
Machine Learning  
Data Visualization



### Languages

French  
English  
German



### Miscellaneous

Algorithms  
Artificial Intelligence  
Scrum



### Main programming languages

Python  
Java



### Other known languages / libraries

C, Scala, javascript, Html, CSS, d3, pandas, numpy, Keras, Jupyter, flask, git, LaTeX, Sage, bash