

# Yohann Schatz

Scientific collaborator

Geneva 

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yohann.schatz@hesge.ch

Born 19-1-1995

## Skills

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- o BIM / infraBIM research
- o IFC data system
- o graphic design / rendering
- o java-python-VB programming
- o structural analysis

## Work experience

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### HES-SO Genève – HEPIA

Scientific collaborator

Geneva, Switzerland

july 2020- present

o Member of the Innovative Methods for Construction (MIC) group of inPACT institute (HEPIA), directed by Pr. Dr. Bernd Domer. The MIC's main lines of research relates to BIM and GIS convergence, InfraBIM / GeoBIM, digital transition tools development and systems interoperability.

o Member of the digital method for efficient analysis and evaluation of road infrastructures projects « digiMABS » technical committee. The aim of this project is to combine an interoperable data structure with digitalized standards in order to verify whether a road infrastructure project is conform to standards.

### Missions

- Development of system architecture and data model
- Development of methods for standard conformity testing and evaluation of road infrastructure projects

### ICUBE (INSA, Uds, CNRS)

Research intern

Strasbourg, France

february 2020 – june 2020

o Member of the Civil Engineering and Energetics (GCE) team.

### Publication

- SCHATZ, Yohann (2020), *Renforcement du mortier avec un intissé appliqué lors du coulage : influence du rapport E/C sur l'adhésion textile-mortier et sur la performance en flexion du composite*. Mémoire thesis, INSA DE STRASBOURG.

## Education

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### Institut National des Sciences Appliquées INSA

Master's Degree in Civil Engineering

Strasbourg, France

2017 – 2020

### Université Laval

Student exchange, Master's degree programme

Québec (QC), Canada

2019

### Institut Universitaire de Technologie IUT

Technical Degree in Civil Engineering

Saint-Nazaire, France

2015 – 2017

### ENSAAMA Olivier de Serres

Technical Degree in Arts – Design

Paris, France

2013 – 2015

## Languages

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- French native
- English B2-level
- German A2-level