



# George Fotiadis

MASTER'S STUDENT IN COMPUTER SCIENCE

Ecublens VD, 1024, Switzerland

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## Education

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### EPFL (École Polytechnique Fédérale de Lausanne)

Lausanne, Switzerland

COMPUTER SCIENCE

Sep. 2016 - PRESENT

- 2020 – Present: Master's in Computer Science
- 2016 – 2020: Bachelor's in Computer Science

### École 42

Paris, France

PISCINE

Jul. 2015 - Aug. 2015

- Successfully passed the "piscine" admission procedure (less than 1% acceptance rate)

## Professional Experience

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### Bloomberg L.P.

London, UK

SOFTWARE ENGINEERING INTERN

Jul. - Sept. 2020

- Designed and implemented an asynchronous data pipeline using Apache Kafka for Solr document ingestion
- Rewrote an entire C++ service in Python
- Reduced end-to-end system latency by approximately 30% in early testing

### Kudelski Group

Cheseaux, Switzerland

DEEP LEARNING AND BIG DATA ANALYSIS INTERN

Jul. - Sept. 2019

- Analyzed logs from various sources to construct a scalable, real-time anomaly detection system
- Built a benchmark to evaluate different models' performance
- Created a template for generating new models that are compatible with the rest of the pipeline
- Created a new model that reduced training time by 45%, while improving accuracy by 8%

### Internet & Code for girls

EPFL, Switzerland

TEACHING ASSISTANT

Feb. - Jun. 2019

- Guided over 100 young girls aged 9-12 into creating their own website and video game
- Part of team of 7

## Other Projects

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### Computer Vision semester project

EPFL

MAIN RESEARCHER

Sept. 2019 - Jan. 2020

- Designed and built a Neural Net that counts fish inside fish tanks
- First time that machine learning was used for this problem
- Achieved ~99% accuracy, outperforming the (then) state-of-the-art by 14%

### StudyBuddy

EPFL

SCRUM MASTER, DEVELOPER

Sept. 2018 - Jan. 2020

- Led a team of 6 as its Scrum master
- Created an Android app which enables its users to create study groups
- Features include a shared calendar per group showing every member's availabilities and a chat

