George **Fotiadis**

MASTER'S STUDENT IN COMPUTER SCIENCE

Ecublens VD, 1024, Switzerland

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Education

EPFL (École Polytechnique Fédérale de Lausanne)
Lausanne, Switzerland

COMPUTER SCIENCE
Sep. 2016 - PRESENT

- 2020 – Present: Master's in Computer Science, GPA 5.4/6
- 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

Bloomberg L.P.
London, UK

SOFWARE ENGINEERING INTERN
Jul. - Sept. 2020

- Designed and implemented an asynchronous data pipeline for Solr document ingestion using Apache Kafka
- 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

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 ~97% test 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

Skills

Languages	Fluent in English, French & Greek
Programming	Python, Java, C, SQL, Scala, C++, Go
Tools and Frameworks	Apache Spark, Apache Kafka, Tensorflow, Keras, Solr, PySpark, Hadoop HDFS, Android, Unix

Competitions

Lauzhack 5.0   *EPFL, Switzerland*
SECOND PLACE IN OVERALL RANKING   *Nov. 2020*

Lauzhack 4.0   *EPFL, Switzerland*
LOGITECH CHALLENGE WINNERS, ORGANIZERS AWARD WINNERS   *Nov. 2019*

ACM SIGMOD   *EPFL, Switzerland*
28TH IN THE WORLD   *Mar. 2020 - Apr 2020*

Google Hashcode   *EPFL, Switzerland*
13TH IN SWITZERLAND   *Mar. 2019*

Other Competitions   *Switzerland*

- GSA ULTRA (2019)
- START HACK (2018)
- BLOOMBERG MARTIAN CHALLENGE, 4TH PLACE (2017)
- BLOOMBERG CODECON (2017, 2018)

Fun Facts

Favorite movie	Mamma Mia!
Favorite course	Topics on Datacenter Design
Hobby	I'm a pretty solid cook if I dare say so!
Website	I actually have a pretty cool website
Focus	My current focus is distributed systems and datacenter software