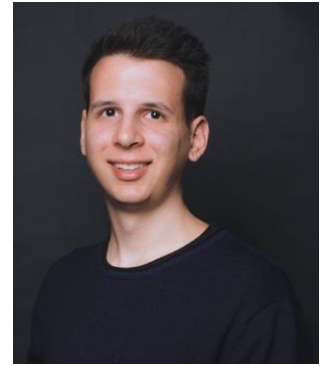


George Fotiadis

Ecublens Vaud 1024, Switzerland

- Personal Website: <https://www.gfotiadis.com>
- Social links:



Profile

- EPFL student, on my final year of Bachelor's in Computer Science, I am offering a vast range of technical and soft skills acquired through completing various personal and team projects.
- Experienced in big scale, object-oriented software development projects and computer vision and **professional experience with Deep Learning and Big Data analysis.**
- Excited and open to always learning new things and ability to quickly grasp and understand new concepts with great motivation to work. Enjoy working in both team and self-directed projects.
- **Languages:** Excellent level in English, French and Greek.

Education

- **EPFL:** Bachelor's in Computer Science (2016 – present, **Expected graduation:** January 2020)
- **École 42:** successfully passed the "[piscine](#)" admission procedure (2015)
- **Aristotle university of Thessaloniki:** Bachelor's in electrical engineering (2014-2016).
- **Secondary education:** best 1.89% out of 31213 participants in Panhellenics competition (2014)

Experience

- **Deep Learning and Big Data Analysis intern at Kudelski Group** (summer 2019):
 - **Project description:** Analyze time-series data from various sources within the company on real time to construct an accurate and scalable anomaly detection system.
 - **Results:** Developed a new deep learning model that reduced training time by 86% while improving accuracy by 8% and built a completely modular and automated benchmark to evaluate different model's performance.
 - **Achievements:** The end result was that I standardized the complete pipeline, resulting in a reduction by 30% of the overall time it took to go through it and created the necessary infrastructure to allow the project to scale.
 - **Tools:** Keras, Spark, Pandas, Numpy, Anaconda, DL4J.
- **Computer Vision Semester project** (in progress):
 - **Project goal:** Design, build, train and test a Neural Net that accurately counts fish inside fish tanks, with different levels of noise in the environment settings, based on images provided by a robot equipped with cameras.
 - **Tools:** Keras, SciKit Learn, OpenCV, Tensorflow, Anaconda.

- **StudyBuddy** (2018):
 - **Project description:** Led a team of 6, as its **Scrum master**, to create an Android application which enables its users to create study groups. In addition to that, groups have a shared calendar showing every member's availability and a chat through which they can share photos and files.
 - **Tools:** Android Studio, Firebase, github, Scrum, Travis-CI, codeclimate.
- **Teaching experience** (2019):
 - **Subject:** Teaching assistant at "Internet & Code for girls".
 - **Details:** I was part of a team of 7, responsible for guiding over 100 young girls aged 9-12 into creating their own website and video game.
- **Secretary of the Greek student association AEGEL** (2017 – present):
 - Organize various events to expand the association and help the integration of newcomers to EPFL and living in Switzerland.
 - Offer personalized help to future students to complete their applications and guide them into having the necessary knowledge background to succeed in EPFL.

Competition participations and prizes obtained:

- Google Hashcode (2019) 13th in Switzerland
- Bloomberg Martian Challenge, 4th place (2017)
- Bloomberg CodeCon at EPFL (2017, 2018)
- Santa's Algorithmic Challenge by Yandex (2017)
- [Lauzhack \(2019\), Logitech Challenge winners, Organizers Award](#)
- GSA Ultra (2019)
- START Hack (2018)
- Microsoft Student Guru Thessaloniki Christmas Hackathon (2015)
- 1st place prize in math competition « Melinkov Yuri Borisovich » (2014)

Technical Summary and interests

Programming languages:

- Java, Python, C level: advanced
- Scala, C++ level: intermediate
- Go, XML level: beginner

Interests:

- Natural Language Processing, Computer Vision
- Distributed systems, Big Data Analysis

Software and frameworks:

- Keras, Pandas, SciKit Learn, Spark
- Android API, Firebase, Git
- Android Studio, JetBrains suite
- Agile Scrum
- UNIX, experience with both Debian and Ubuntu based Linux distributions