George **Fotiadis**

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Education
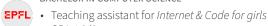
EPFL (École Polytechnique Fédérale de Lausanne)   *Lausanne, Switzerland*

MASTER IN COMPUTER SCIENCE   *Jan. 2020 - Apr. 2023*
- Teaching assistant for *Introduction to Database systems*
- GPA 5.3/6

BACHELOR IN COMPUTER SCIENCE   *Sep. 2016 - Jan. 2020*
- Teaching assistant for *Internet & Code for girls*
- GPA 4.3/6

Professional Experience

Z3 Capital   *Geneva, Switzerland*

SOFTWARE ENGINEER   *Oct. 2023 - Present*
- **Working in one of Switzerland's leading Hedge Funds**
- Redesigning and building the market data ingestion pipeline

Oracle   *Zurich, Switzerland*

SOFTWARE ENGINEER   *Sept. 2022 - Oct. 2023*
- **Led a 3 team analytics initiative within Oracle HeatWave**
- Designed and built a multipurpose log analytics service and an automated root cause analysis pipeline
- Reduced the time on-call operators take to troubleshoot tickets by 70%
- Built data collection pipelines and dashboards to streamline data-driven decision-making for management

Amazon AWS   *Dublin, Ireland*

SOFTWARE ENGINEERING INTERN   *Feb. 2022 - Aug. 2022*
- Worked on AWS Aurora, a highly distributed, relational database
- Led a cross-team initiative to improve various database functionalities using machine learning
- **Developed a novel partitioning algorithm that reduced unevenness in data heat distribution by 98%**
- Collaborated with cross-organization leadership and stakeholders to identify additional use cases for my project

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
- **Reduced the end-to-end system latency by approximately 30% in early testing**
- Re-implemented a C++ service in Python

Kudelski Group   *Cheseaux, Switzerland*

DATA SCIENTIST INTERN   *Jul. - Sept. 2019*
- **Developed real-time machine learning model for time series anomaly detection in logs**
- Reduced error discovery time by 80% and false alarms by 45%.
- Created scalable pipelines for seamless integration of new models while maintaining clear interfaces
- Presented results to technical and non-technical stakeholders, showcasing the system's value in efficient monitoring

Entrepreneurship

mbb.ai   *Lausanne, Switzerland*

CO-FOUNDER   *Feb. 2023 - Present*
- Creator of mbb.ai, a platform that uses Generative AI to help candidates prepare for interviews
- **Implemented the entire product from conception to launch**
- Developed and managed the product roadmap, including designing key features, prioritizing tasks, and coordinating a fully remote team to deliver a successful product launch
- Collected and analyzed user feedback and statistics to refine the product and strengthen its value proposition, resulting in an exponential growth rate

Percent Labs   *Lausanne, Switzerland*

CO-FOUNDER & CEO   *Feb. 2021 - Feb. 2023*

- **Co-founded Percent Labs, a strategy management tech startup**
- Conducted market and competitor analysis, customer interviews and product-market fit validation
- Raised funding through startup competitions
- Recruited and mentored new hires

Skills

Languages	Fluent in English, French & Greek
Programming	Python, Java, C, SQL, Scala, Go (Golang), Next JS, C++
Software Tools	Apache Spark, PySpark, Kafka, Supabase, Pytorch, Tensorflow, Keras, AWS, FastAPI

Competitions

Lauzhack 6.0   *EPFL, Switzerland*

FOURTH PLACE IN OVERALL RANKING   *Dec. 2022*

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)