



Ilir Fetai



Факултет : **Современи науки и технологии**
Функција : **Соработник**

Лични податоци

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Јазици

- **Albanian**, Native
- **German**, C2 - Proficient
- **English**, C2 - Proficient

Образование

- **2011 - 2016: PhD Computer Science**
Faculty: Faculty of Mathematics and Computer Science
University of Basel, Basel, Switzerland
Specialty: Distributed Systems and Cloud Computing
Thesis: "Cost- and Workload-Driven Data Management in the Cloud"
- **Aug 2008 - Jul 2011: Master of Science in Computer Science**
University of Basel, Basel, Switzerland
Specialty: Distributed Systems, Autonomous Systems, Machine Learning, High-Performance Computing
- **Jan 2000 - Aug 2004: Bachelor of Science in Computer Science**
University of Basel, Basel
Specialty: Distributed Systems

Работно искуство

- **2011 - Present : Docent**
University of Applied Science, <https://www.ffhs.ch/>
Type of business or sector: *University of Applied Sciences*
Main responsibilities: *Docent for Web Technologies, Distributed Systems, Algorithms, Data Warehousing und Business Intelligence, Cloud Computing and Machine Learning*
- **2016 - Present : Head of the Department on Web- and Game-Development**
University of Applied Sciences, <https://www.ffhs.ch/>
Type of business or sector: *University of Applied Science*
Main responsibilities: *Heading the Department of Web- and Game-Development: Development of Courses, Quality Assurance, People Management*
- **2019 - Present : Head of Competence Center on Machine Perception**
SBB, sbb.ch
Type of business or sector: *Swiss Railways*

Main responsibilities: Head of the enterprise-wide competence center on Machine Perception. Machine Perception comprises all activities related to the understanding of image and video data using artificial intelligence.

- **2019 - Present : Head of Artificial Intelligence in Railinspect**

SBB, sbb.ch

Type of business or sector: Swiss Railways

Main responsibilities: Head of the Artificial Intelligence for Railinspect. This includes all topics related to Artificial Intelligence in the monitoring and maintenance of railway infrastructure

- **2019 - Present : Ass. Prof. Dr**

SEEU, Tetove, Macedonia

Type of business or sector: University

Main responsibilities: Teaching of Courses at Master Level: Service-Oriented Architectures, Distributed Computing and Technologies for BigData

- **Jan 2021 - Present : Member of the Machine Learning Workstream at CBA Labs**

CBA Labs

Type of business or sector: CBA Labs

- **Feb 2021 - Present : Lecturer Operating Systems and System Administration**

FHNW, Basel

Type of business or sector: University of Applied Sciences

Main responsibilities: Lecturer on the topics of Operating Systems and System Administration

<https://www.fhnw.ch/de/>

- **2016 - 2019: Senior Technology Manager**

SBB, sbb.ch

Type of business or sector: Swiss Railways

Main responsibilities: Responsible for the enterprise-wide technology management. This includes the technology strategy, to which the IT needs to comply, the cloud strategy, the screening of new technologies, like artificial intelligence, quantum computing, security topics.

- **2017 - 2018: Head of the Security Workstream**

SBB, cba-labs.de

Type of business or sector: Cross Business Architecture Labs

Main responsibilities: Head of the workstream "Cybersecurity" in context of CBA Labs. CBA Labs is a network of major german-speaking companies, like Deutsche Telecom, VW, Audi, Daimler, SBB, Deutsche Bahn.

- **2006 - 2011: Software Architect**

RTC AG, Bern, Switzerland

Type of business or sector: Banking

Main responsibilities: Architect for the frameworks used to develop banking software (JEE, Scripting, Java, Business Rules), Enterprise Application Integration

- **2001 - 2006: Software Developer**

Ascom Transmissions, Bern, Switzerland

Type of business or sector: Telecommunications

Main responsibilities: Development of Software for the management of networks (C++, Corba, JEE, Java, XML)