



SANDRO MONTANARI

STRENGTHS

- **Diverse profile:** education as a mechanical engineer, transitioned into a software developer with experience in sales and product management, currently in a management position
- **International experience** (USA, Greece) and **fluent in three languages** (German/English/French)
- Experience in managing **complex projects and leading large teams** (up to 120 people)
- Experienced **full-stack developer** building and maintaining of production applications end to end
- Passionate builder with experience in prototyping

PROFESSIONAL EXPERIENCE

2018 – present Inpher <i>Director of Product</i> New York, USA & Lausanne, CH	Privacy preserving data analytics. Fifth member to join the startup. Currently in a management position, member of the executive team, reporting to the CEO. <i>Responsibilities:</i> Executive duties , owning product & roadmap, team lead, core component development, key account management, specialized sales. <i>Achievements:</i> Transformed a research-based library into an industry-grade product , now integrated at customer's sites.
2016 – 2018 Swisscom <i>Product Manager</i> Bern, CH	Product Manager for the Swisscom Big Data Platform and software engineer. Building the main data lake for the largest Swiss telecom provider . <i>Responsibilities:</i> Roadmap, agile development process, stakeholder management, customer interactions, software development, 24/7 on-call duties . <i>Achievements:</i> Bringing the product from a proof of concept state to a mature enterprise platform . Introducing agile development processes and customer interaction processes into the organization
2013 – 2016 Swisscom <i>Software engineer</i> Bern, CH	Develop an in-house built, cloud-based remote management solution for IT infrastructure using mostly open source technologies. Monitoring, incident management and alarming for your custom hardware out of the cloud. <i>Achievements:</i> Bringing bleeding-edge tech into the company, developed application is still being used to date.
2012 – 2013 Swisscom <i>Graduate Trainee Program</i> Bern, CH	Roaming International Inter-Operator Tariff negotiations with partner networks. <i>Responsibilities:</i> Full negotiation authority , signature of contracts. <i>Achievements:</i> Cost savings of 120'000 CHF Strategy Project in the Swisscom Outpost in Palo Alto, California, USA , identification of growth opportunities for the Swisscom strategy department. <i>Responsibilities:</i> Representing Swisscom toward partners, business plan development, strategic recommendations. Big Data In-depth data analytics on Swisscom wireless traffic. <i>Responsibilities:</i> Query design, data mining and business recommendations. <i>Achievements:</i> Cost savings and network traffic optimization .
2012 Asyrii <i>Industrial Master Thesis</i> Villaz-St-Pierre, CH	Development and validation of an advanced control strategy and algorithm for industrial Delta Robots, guaranteeing very high precision (µm) and ultra quick response. <i>Responsibilities:</i> Programming lead, control hardware selection, customer contact. <i>Achievements:</i> Built said prototype robot which achieved design goals, thesis graded with highest mark



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EDUCATION

2010 – 2012	MSc Robotics and automation, Swiss Federal Institute of Technology, Lausanne (EPFL)
2006 – 2010	BSc Mechanical engineering, Swiss Federal Institute of Technology, Lausanne (EPFL)

SKILLS

Specializations	Full stack development, software development, product management, specialized sales, business development, data science, machine learning, automation, intelligent systems, robotics, mechatronics, leadership, agile development
IT	Python, JavaScript, Docker, Kubernetes, Ansible, HTML & CSS, C / C++ (microcontroller), Java (Android SDK)
Data Science	Numpy, SKLearn, Hadoop, Kafka, TensorFlow
Engineering	CATIA / SolidWorks / FreeCAD, Matlab, Octave, Scilab

CERTIFICATIONS

2020	Offensive Security Certified Professional – Penetration Testing
2018	Deep Learning, Stanford
2017	SAFe Product Owner / Product Manager (Scaled Agile)
2016	Machine Learning, Stanford

LANGUAGES

German	First Language
English	Excellent oral and written knowledge, C2 (Common European Framework of Reference)
French	Excellent oral and written knowledge, C2 (Common European Framework of Reference)
Italian	Basic knowledge, oral A2, written A1 (Common European Framework of Reference)

EXTRACURRICULAR ACTIVITY

2016 – present	Web Application, Owner and developer End-to-end development, operations and maintenance of a web based CrossFit Box management application generating monthly revenue. Features: user subscription management, class sign-ups, exercise tracking, statistics & exports, reactive design.
2013 – present	Mahogany Hall Bern, Concert management Voluntary occupation working as concert venue manager (capacity: 200 persons). <i>Responsibilities:</i> Social media relations, overall responsibility of concert evenings (band, bar, guests, security and finances)

HOBBIES

Leisure	Skiing (qualified instructor), climbing, biking, Crossfit, Freeletics, Arduino & RaspberryPi projects, web applications, 3D printing (printed flying model plane) and sailing (worked as a sailing instructor in Greece for 6 months)
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AVAILABILITY

5 months	Currently hired under a running contract
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