

Semion Sidorenko

Rue de la Louve 12
1003 Lausanne
Switzerland

+41 79 881 07 35

semion.sidorenko@gmail.com

github.com/ssidorenko

Profile

Software engineer with over 7 years of professional experience. Excellent knowledge of the Python programming language. Good practical and theoretical knowledge around data science, machine learning and deep learning, especially in the field of computer vision. Graduated from EPFL with a Master's degree in Computer Science.

Key skills

Python	Excellent knowledge of the language, especially with Django and Flask.
Javascript	Solid background, including a lot of experience with Backbone.js and jQuery.
Data Science	Good knowledge of machine learning fundamentals, data processing and visualization skills. Experience with pandas, sklearn, Jupyter.
Deep Learning	Theoretical fundamentals and research experience. Practical experience with Convolutional Neural Networks for image recognition and generation. Good knowledge of PyTorch.
Other	Broad GNU/Linux system administration skills. Proficient with Git. Working knowledge of HTML, CSS, Scala, Java, Fabric, Docker.
Languages	French: native language, english: fluent, german: B1

Education

September 2011 – September 2018 : Computer Science B.Sc. + M. Sc. at EPFL

Graduated in 2016 with a Computer Science B.Sc, and 2018 with an M.Sc. Good grades, mostly in data science, algorithms, and programming courses. Won third place of the 2017 ACCES Visualization Contest, Dynamic Category.

Experience

June 2017 – Current: Software Engineer at 89grad GmbH, Bern, Switzerland

Worked on python-based data-processing software for e-commerce handling a large volume of products. Improved a CNN-based image denoising algorithm as part of my master's thesis.

July 2013 – Current: Python Expert on AirPair.com and codementor.io

Mentoring clients who seek help with various projects. Rated on average 5/5 stars by previous clients.

June 2012 – Current: CTO / Co-Founder at Edgecom SARL, Pully, Switzerland

Consulting work for early stage startups. Implemented an authentication system for a web API and vastly improved productivity by setting up a proper testing workflow for the product at Bright SAS.

March 2013 – September 2013: Full Stack Developer at RolePoint, London, UK

Built a recruitment platform specializing in employee referrals. Developed an API based on Flask and Google App Engine, integrating with 3rd party APIs. Greatly reduced release cycle by automating deployment and testing.

January 2011 – February 2013: Python Developer at CoMeLab SA, Synlab Suisse SA, Lausanne, Switzerland

Designed and built a laboratory information system for a small medical laboratory. Set up a fault-tolerant and scalable infrastructure for hosting the system. The software has then been acquired by the swiss branch of the leading provider of laboratory services in Europe.

March 2008 – February 2009: LAMP / Python Trainee at Bemore SA, Lausanne, Switzerland