Curriculum Vitae

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I am a biologist by training and have worked in the pharmaceutical industry in various roles over the past 20+ years. Currently I am transitioning into the IT/Computer Science field. I have extensive experience in international medical management with a focus on strategic marketing to healthcare professionals. I have worked in Switzerland and the U.S. in cross-cultural teams, also as a team leader, and have garnered my own entrepreneurial experience in the pharmaceutical sector in the Basel region. My motivation for the professional transition stems from a profound interest in computer science and technology, as well as considerations regarding the recent developments in AI and its projected consequences on the job market. Over the last several years I have gradually acquired skills in Linux System Administration, Deep Learning/Data Science, and Web Development. Currently, I am actively seeking opportunities in the field of Linux System Administration, which I am passionate about.

Work experience

2017 - today
Self employed

I provide scientific consultancy services part-time to diverse clients within my established pharmaceutical network. Additionally, I have pursued continuous education in computer science, successfully earning an online degree in Deep Learning, a subset of Machine Learning, and obtaining a certification in Linux System Administration.

2016 - 2017
Sabbatical

During my sabbatical, I explored the southern regions of Europe and embarked on extended hikes in Switzerland with our dog. Along the way, I rediscovered my passion for computers and found myself captivated by the progress in artificial intelligence. This led me to begin my ongoing exploration of computer science and information technology, commencing with an online degree in web development from Udacity.

2012 - 2015
Self employed

I evaluated the potential for marketing Alicaforsen® in Switzerland on behalf of a British pharmaceutical company, tapping into my well-established network of experts in gastroenterology, particularly those specializing in inflammatory bowel disease. Furthermore, I conducted research into other active pharmaceutical ingredients for potential in-licensing and subsequent marketing, with a particular emphasis on securing an orphan-drug registration. The aim was to find existing products with long-established safety profiles for repurposing in rare diseases with unmet needs.

2009 - 2012	*International Product Manager Rx*
Tillotts Pharma	• Product portfolio: Asacol®, Colpermin®, Simtomax®
	• Achieved portfolio sales growth of CAGR 2009-2011: 15.6%
	• Led a team with three direct reports
	• Managed yearly budget of CHF 800k
	• Created international marketing strategies and platform tools
	• Trained affiliates on product science and marketing tools
	• Supervised event management (up to 150 pax.)
	• Managed key opinion leaders
	• Managed creative agency and medical writers
2007 - 2008	I conducted research into active pharmaceutical ingredients where patent protection had expired, with the aim of developing them for new indications particularly those falling under the orphan-drug status. The goal was to establish a pharmaceutical trading/marketing company catering to the Swiss prescription market.
Self employed	
2000 - 2006	*International Medical Manager OTC*
Roche / Bayer (Switzerland, USA)	• Produkt Portfolio: Rennie®, Talcid®, Alka-Seltzer®
	• Created marketing strategy towards healthcare professionals
	• Led scientific workshops and expert panels
	• Managed key opinion leaders
	• Drove new publications in peer-reviewed medical journals
	• Managed creative agency and medical writers
	• Managed annual budget of CHF 120k

Education

2023	Linux System Administration LPIC-1 - LPI
2020	Deep Learning Nanodegree - Udacity
2016	Front End Web Developer Nanodegree - Udacity
1994 - 2000	MSc. Biology - University of Basel
1993 - 1994	Studies in Economics - University of Basel

CS / IT

Linux System Administration
- Rocky Linux Server 8 (RHEL clone)
- Ubuntu Server 22.04 LTS
- openSuse Leap 15.4
- Arch Linux
- Proxmox VE 7.4

Web development
- HTML 5
- CSS 3
- JavaScript ES6
- Bootstrap 5
- Parcel

Deep Learning
- Python 3
- Jupyter Notebook
- Numpy, Pandas, Matplotlib
- Pytorch, Keras, Scikit-Learn
- AWS Sagemaker (basic)

Developer Tools
- Git / Github
- Visual Studio Code
- Vim
- Agile development philosophy - SCRUM (familiar)