Curriculum Vitae

Thomas Grusz MSc

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A biologist with an extensive background in the pharmaceutical industry, I am presently transitioning into the IT/Computer Science field. I bring international management experience within the pharmaceutical industry, specializing in strategic marketing to healthcare professionals. My leadership and cross-cultural management expertise span both Europe and the U.S., supported by a solid educational foundation - a Master's degree in Biology. Additionally, I have garnered entrepreneurial experience in the pharmaceutical sector within the Basel region.

I am dedicated to lifelong learning and possess a profound interest in computer science and technology. I have recently 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.

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 certification in Linux system administration. Currently, I am actively searching for opportunities as a Linux System Administrator.

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 repurposing of existing products with long-established safety profiles in extremely rare disease categories with unmet needs holds great promise from a business standpoint.

2009 - 2012
Tillotts Pharma

International Product Manager Rx
Asacol®, Colpermin®, Simtomax®

- Achieved portfolio sales growth of CAGR 2009-2011: 15.6%
- Led a team with 3 direct reports
- Managed yearly budget of app. 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
self employed

I embarked on an exploration into establishing a pharmaceutical trading company catering to the Swiss prescription market. My endeavors included:
Identifying potential generic in-licensing candidates within a specific medical indication, emphasizing superior safety and efficacy compared to the current treatment of choice.
Conducting research into active pharmaceutical ingredients that had expired patent protection, with the aim of developing them for new indications, particularly those falling under the "orphan drug" status.

2000 - 2006 *International Medical Manager OTC – Gastrointestinals*
Roche / Bayer 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 Administrator LPIC1 - LPI
2020	Deep Learning Nanodegree - Udacity
2016	Frontend Web Developer Nanodegree - Udacity
1994 - 2000	MSc. Biology - University of Basel
1991 -1993	Studies in Economics - University of Basel

Computer Science Skills

Linux Sysadmin Experience
Experience with the following distros:
- Rocky Linux Server 8 (RHEL clone)
- Ubuntu Server 22.04 LTS
- openSuse Leap 15.4
- Arch
- Proxmox VE 7.4

Web Development
HTML5, CSS3, Javascript ES6

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

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

Personal Data

Nationality	Swiss / Belgian

Languages	German	native
	English	fluent written and spoken
	French	intermediate written and spoken
	Spanish	elementary spoken