Laura Hartgers

Curriculum Vitae

Education

Apr 2016 - Present	**Bachelor of Science, Applied Computer Science**, HTW *University of Applied Sciences*, Berlin, *GPA – 1.7 German grading system*. With a focus on Data Science incl. Machine Learning and Neural Networks
Sep 2005 - Feb 2010	**Bachelor of Health, Nutrition and Dietetics**, HAN *University of Applied Sciences*, Nijmegen, NL, *GPA – 7.1 Dutch grading system*. Comparative grades: DE: Good USA: B+ UK: B upper 2nd
Sep 1999 - Jul 2004	**HAVO, Culture and Society Profile**, EigenWijs *High School*, Nijmegen, NL , *GPA – 7.3 Dutch grading system*. Comparative grades: DE: Good USA: A UK: A- upper 2nd

Experience

Apr 2019 - Present	**Intern Data Science**, Sopra Steria Consulting, *DigiLab's AI Team*, Germany. Research and development of ideas concerning data science techniques, so they can be used to further aid customers of Sopra Steria. Customers are both in the the industry (e.g. banking, finance, communications) as well as in public sector. I am concerned with semantic search on text data and knowledge bases.
Sep 2018 - Present	**Student member of the examination board**, HTW *University of Applied Sciences*, Berlin. The examination board is appointed by the faculty committee for each study program and it decides on issues concerning the accreditation and assessments of modules and examinations, in special hardship cases, potential disadvantage compensation and it grants permission for students to write their final thesis.
Oct 2017 - Mar 2018	**Working Student Software Development**, 4flow, Berlin. Java, agile teamwork. Contribute to a large software system with two hundred collegues worldwide.
Feb 2015 - Apr 2016	**Sabbatical**. Spent some time to realign myself, gain new insights and a different outlook on the future. This was a necesary yet courageous endeavour that didn't have a job title. It was quite important to my overall development. Furthermore, it explains the switch from Nutrition to Computer Science.

Nov 2014 - Feb 2015	**International Call Center Agent in Customer Service**, ZALANDO LOUNGE, Berlin. Customer service employee and translator for international clients.
Mar 2013 - Dec 2015	**Writer and hobby journalist**, RAGHERRIE.COM. Redaction work, reviewing and writing about music albums and festivals. Allowed me to visit multiple festivals and to do interviews with internationally known musicians.
Jan 2013 - May 2014	**Account manager data recovery Germany**, DATARECOVERY NEDERLAND & DATENRETTUNG DRN, Uden, NL. Translator, secretary, SEO writer and customer service employee.
Sep 2011 - Dec 2013	**Employee in a restaurant**, GOSSIMIJNE, Uden, NL. Waitress, customer service employee.
Sep 2010 - May 2012	**Practice as a licensed dietitian**, DIËTISTENPRAKTIJK LAURA HARTGERS *Dietician & Health Coach*, Uden, NL. Running my own practice as a licensed dietician for individual consultation and group therapy. Coaching people to make healtier nutritional and lifestyle choices.
Sep 2008 - Feb 2009	**Intern Diet Consultation and Nutritional Optimization**, BRABANTZORG, Veghel, NL. Rated "very good" for analytical skills, communication, compassion and teamwork.
Sep 2005 - Oct 2011	**Part-time employee for equine care**, HENDRIKS, Uden, NL. Responsible for horses and stable management during holidays.

Further development and training

2017 - Present	**Meetups about software development and data science**: Software Craftsmanship by SOFTWERKSKAMMER Berlin, Berlin Machine Learning Group, PYLADIES Berlin & WOMEN WHO CODE Berlin
2015	**Python Co-Learing**, OPENTECHSCHOOL, Berlin
2014	**Course: Assertiveness and Communication**, DE VUURVLINDER, M. van Duijl- van de Graaf, Boxtel, NL
2011	**Course: Starting your own Business**, TOEKOMST DOOR ONDERNEMERSCHAP, J. Janssen & M. Ton, Uden, NL

Computer skills

Programming and script languages

Intermediate	PYTHON, JAVA, SCALA, OCTAVE/MATLAB, LATEX
Basic	C, BASH, XML, HTML, JAVASCRIPT

Operating Systems

Intermediate	Linux, Microsoft Windows, MacOs

Database Management Systems

Intermediate	PostgreSQL, MySQL & MongoDB

Applications

Intermediate	Git, Gephi, Visual Paradigm, JetBrains products like IntelliJ & PyCharm

Miscellaneous projects and project skills

Machine Learning & Neural Networks, for example my project BaLo: Building a Band Logo Generator with Generative Adversarial Networks, including a basic GAN, a Deep Convolutional GAN and a Conditional GAN, utilizing Keras & TensorFlow

Word Embeddings like Word2Vec and GloVe, using implementations like spaCy

Building a Web-crawler

Data preprocessing, both on text and image data

Building a data set for various purposes

Building a RESTful Webservice with Java EE, Jersey, Hibernate & Tomcat

WikiPlag: comparison and development of algorithms to detect plagiarism from Wikipedia articles, using Scala, Spark and NoSQL DB Cassandra

Clean Code

Agile Methods: Scrum, Extreme Programming

Test Driven Development & Pair Programming

Languages

Dutch	**Advanced fluency**	*First language*
German	**Advanced fluency**	*Native speaker level*
English	**Intermediate fluency**	*Conversationally fluent*
French	**Basic fluency**	*Basic words and phrases only*

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