

Xavier Uldry

DATA SCIENTIST

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I chose to retrain in data science because I am passionate about translating insight into action, whether it is for improving a process or optimizing an algorithm.

I have an engineering background, strong problem solving skills and a passion for data and analytics.

One of my favorite things is to interact with different teams in order to understand their constraints and how it all fits with the bigger picture.

EXPERIENCE

Firmware developer | BlackBerry

MAR 2011- MAY 2014, WATERLOO, ON

- Reduced modem reset occurrence by 600% by creating an automation tool that reproduced rarely occurring issues and delivered detailed, multilevel logs (SW, Bus level).
- Stabilized 3G/4G products, found issues in third party chip.
- No design fault during my 3 years of participation in Hardware/Software design reviews.

RF Systems Engineer | Icera Semiconductors, Sirific Wireless

JUL 2006 -FEB 2011 , WATERLOO, ON & BRISTOL, UK

- Multiplied the amount of collected measurements by 10 by designing test automation and software tools that increased productivity.
- Reduced customer debug time by 90% by designing a custom bus decoding/fault finding tool.
- Found a design issue during my first week in this position that saved at least one chip tape out, approx. 1M\$.
- Liaised between 3 multidisciplinary teams, marketing and suppliers to define next generation 4G modem for front-end and control I/F.

RF Systems Engineer | Renesas, Mitsubishi Electric

NOV 1999 - JUL 2006, RENNES, FRANCE

- Lead a team of 5 engineers.
- Active participation in design and production of 2G Cell phone products contributed to reduced development time by 30 % .
- Contributed in multiple areas: Simulation and component model creation, Hardware and L1 software.

EDUCATION

BrainStation | Diploma Candidate, Data Science

JAN 2020 - MAR 2020, TORONTO, CANADA

University of Lille | Masters degree in Microelectronics, Microwave and Telecommunication

SEP 1997 - OCT 1998, LILLE, FRANCE

SKILLS

Python, Machine Learning, C, Excel VBA, SQL, Perforce, Git, Jira, Fluent in French



Xavier Uldry

Global Meditation Event Organizer, Certified
Skipper, Webmaster

My background is in hardware and software engineering, and my experiences are in the consumer electronics and the semiconductor industries. I am characterized by being adaptable, having an insatiable curiosity, an ability to focus on the details while keeping an eye on the whole system and the big picture. What I love the most? Improving efficiencies, and being given an important mission.

Capstone Project - Machine Learning for Automated Alert Based Trading

Use of a Neural Network to predict short term exchange rate for multiple currency pairs.

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