

# Guillaume OUANCAUX



## PROFILE

Innovative and passionate **data analyst** with over 15 years of experience in the chocolate and confectionery industry, seeking to leverage extensive background in data analysis, flavour profiling, and market trends. Proficient in Python programming, I have successfully developed and maintained multiple scalable and efficient software applications. Demonstrated strong problem-solving skills by implementing optimised algorithms and data structures in Python, significantly improving system performance.

## CONTACT DETAILS

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## PERSONAL INFORMATION

Citizenship: **United Kingdom**  
Family: **Single without children**  
Languages: **French** (B2),  
**Luxembourgish** (A2), **German** (A1),  
**English** (native)

## SKILLS

- Python, SQL, PySpark
- R, Matlab, Azure Databricks
- MS Word, Excel, PowerPoint
- Communication and team collaboration

## EXPERIENCE

**SENIOR DATA SCIENTIST** at *Shockelasrull (Luxembourg)*. **2021.04–pres.**  
◊ Natural language processing, topic modelling, olfactory analysis, building chained processes, automation of reports.

**DATA SCIENTIST** at *Chocky-Facky SA (United Kingdom)*. **2019.02–2020.11**  
◊ Predictive models for consumer taste preferences, market trend analysis, advanced data visualisation, negotiations with stakeholders.

**DATA ANALYST** at *Chocolate River Factory (France)*. **2018.02–2018.12**  
◊ Data collection processes, extensive research on carbonation levels, collaboration with product development teams superstar.

**RESEARCH SUPPORT** at *Everlasting Gobstopper Ltd. (Mongolia)*.  
◊ Developing and implementing methods for inferring **2016.05–2018.01**  
causal networks from time-series, analysis of customer feedback data, mathematical optimisation, machine learning.

**RESEARCH INTERN** at *Snozzberry Farms (Italy)*. **2015.04–2015.07**  
◊ Dashboard creation with BI tools, analysis of competitor strategies.

**RESEARCHER** at *Whipple-Scrumptious Fudgemallow Delight Inc. (Guadeloupe)*. **2013.09–2015.01**  
◊ Econometric modelling, market data analysis, translation.

**INTERN IN LOGISTICS MANAGEMENT** at *Candy Confections (Egypt)*.  
◊ Data management with Microsoft Excel. **2012.04–2012.12**

**EDITOR** at *BEANS Publishing LLC (Japan)*. **2009.03–2011.10**  
◊ Editorial work on dentistry literature, proofreading.

## EDUCATION

**MASTER IN ECONOMICS.** Mathematical Methods of Economic Analysis. *Top-tier University of Sweets and Treats*. **2013–2015**  
◊ Thesis title: *The Effect of Beverage Sugar Content on Their Shelf Life*.  
◊ Econometric analysis, survival analysis, panel and time-series models.

**BACHELOR OF SCIENCE IN BIOLOGY.** Faculty of Experimental Confectionery. *Boltzmann State Technical University*. **2006–2010**  
◊ Mathematical modelling, numerical methods, mathematical optimisation.

## ADDITIONAL EDUCATION

**STANFORD INTRODUCTION TO FOOD AND HEALTH.** *Coursera*. **2021**  
◊ Contemporary trends in eating, cooking workshop, future directions in health.

**TOPICAL COURSES – MASTER IN CHOCOLATE SCULPTING.** *University of Cocoa*. **2015–2017**  
◊ Data science, statistics and probability, food science, agricultural science, optimal stopping theory, cultural studies in food.

## HOBBIES

**Music:** imitating birds on the banjo, composing and decomposing (morally).

**Poetry:** inventing rhymes, surreal art.

**Miscellaneous:** zoology, mycology, trainspotting, 1930s horror films.