



RU HICKSON

Data Engineer
Analytics & Insights

Phone +353 85 737 4316
Email ru.hickson@gmail.com
Website linkedin.com/in/ruhickson
Address Dublin, Ireland
Repo: <https://bitbucket.org/ruhksn>

Summary

Experienced big data professional with an entrepreneurial mindset, and interests in automation, model development and deployment. My background is as a mathematician, and I have extensive working and academic experience in signal processing and machine learning techniques. I am passionate about analytics, big data technologies, software development and delivering technical solutions.

Technical Skills

- SAS ● ● ● ● ●
- SQL ● ● ● ● ●
- Python/R ● ● ● ● ●
- HTML/CSS/JS ● ● ● ● ●
- Visualization ● ● ● ● ●
- MS Office ● ● ● ● ●

Experience

Technical Product Manager 2020-
Sitecore (formerly Boxever)

Responsible for development of automated, real-time data reports at scale for premium customers using Looker, Redshift, R, Python, and various web technologies, as well as connecting different database types and data sources for three-dimensional views. As part of the consulting team, I guide customers through their data, and provide insights, encouraging smart data-driven business processes.

Data Engineer 2018-2020
Kinzen

I lead data-driven initiatives on business and customer insights development, developed pipelines and APIs for mobile and web-based applications. Backend data engineering and analysis, data visualization, and visual communication.

Information Analyst Officer 2016-2018
Allied Irish Banks

I was responsible for the development of an award-winning, industry-leading analytics infrastructure solution for the bank, operational since December 2016. This includes statistical model deployment, task automation, deep model understanding, machine learning, and rigorous adherence to devops best practices.

Founder/Data Scientist 2015-2016
HD Numbers

In 2015, I launched my own sports analytics company, HD Numbers, to develop quality insights, predictive metrics, and financial value-analysis models for professional sports organizations. Enterprise Ireland supported and funded via the New Frontiers high-potential startup accelerator.

Education

- Professional Diploma in Data Analytics** 2021
Analytics Institute of Ireland
- Adv. Dip. in Data Protection Law** 2019-2020
Honorable Society of King's Inns
- M.Sc. in Data Analytics** 2021-2022
Technological University of the Shannon
- Postgrad Electrical Engineering** 2011-2015
Dublin Institute of Technology
- BSc in Mathematical Science** 2007-2011
Dublin Institute of Technology



My corgi, Napoleon

RU HICKSON

- Big Data Professional with over 6 years experience in developing production data pipelines on AWS and Azure
- Extensive knowledge of systems engineering and integration
- Expert in SAS, SQL, R, Python, JS, Node, React, Julia, NoSQL, Excel
- Entrepreneurial experience, IBYE 2016 County Wicklow finalist
- Qualifications in Mathematical Science, Data Protection Law, and Data Analytics
- Ardent observer of new technologies and trends in the software industry

Other Roles

- Freelance Mathematics and Data Consulting - 2010
- Freelance Web Developer - 2010
- HP Support Admin - HP 2007
- Sales Assistant - Vitra Ireland 2003

Other Technologies

AWS, Heroku, Matlab, Mathematica, C++, Tableau, Processing.org, Java, Powershell, R Server, Microsoft Azure, Azure ML Studio, Teradata, Microsoft SQL Server, Visual Studio, Spark, Pig, Hive, Cloudera.

Certifications

Microsoft Academy - Data Science Professional Certificate

I have a professional certificate with Microsoft and edX. Modules include:

- Utilizing R for Data Science
- Programming with R for Data Science
- Analyzing and Visualizing Data with Excel
- Data Science Essentials
- Principals of Machine Learning
- Essential Statistics for Data Analysis using Excel
- Querying Data with Transact-SQL

SAS Certifications

- Data Integration Studio – Fast Track I – SAS Enterprise Scheduling with Platform Suite for SAS
- Managing SAS Analytical Models Using SAS Model Manager Version 13.1
- Applied Analytics Using SAS Enterprise Miner
- Putting Open Source models into production

Career Interests

I am always interested in the next big challenge, whether in Sport, Education, Healthcare, Energy, Tech. It is my ambition to become a consummate big data professional and go-to guy for solutions in the field.

I am an Irish citizen, but I am open to working in any country for the right job.

Hobbies and Personal

I am a devoted follower of most sports, especially soccer (Liverpool) and American football (Eagles). I am an avid reader of science fiction and non-fiction business books.

My biggest loves are travel, playing guitar, and video gaming. I like to foster dogs in need of adoption and regularly donate to both human and animal charities.

I am a podcast fanatic, my favourites being anything from The Ringer, Bankless, and Masters of Scale.