

# Kain Nanne

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## Objective

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Progress my career in data science by contributing to challenging projects and continue to surround myself by, and learn from, other experienced professionals.

## Education

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Vrije Universiteit Amsterdam & Universiteit van Amsterdam		Amsterdam, The Netherlands
• <b>MSc. in Information Sciences</b>	7.5 / 10	Aug. 2016
o Business Information Systems		
• <b>Master Thesis Project</b>	7.5 / 10	
o Automating Open Domain Event Summaries by Harnessing Collective Reactions on Twitter		
Iowa State University of Science and Technology		Ames, Iowa, USA
• <b>B.Sc. in Management Information Systems</b>	3.4 / 4	Dec. 2014
• <b>B.Sc. in Marketing</b>	2.9 / 4	
• <b>Minor in Statistics</b>	2.9 / 4	

## Experience

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### Senior Data Analyst

Amsterdam, The Netherlands

Elsevier

Feb. 2019 to Present

- Architected and maintained department's data reporting infrastructure ensuring analysts and users have latest data
- Introduced, documented and enforced standards and best practices on the team's technologies
- Acted as technical lead on new data integrations and projects
- Created, communicated and supported various interactive and reproducible BI data reports
- Was integral in the development, testing and roll out of new data analytics technologies for the company's "Center of Excellence"

### Data Analyst

Amsterdam, The Netherlands

Elsevier

Apr. 2017 to Feb. 2019

- Developed end-to-end data query tools and reporting apps by integrating Python, KNIME and Tableau
- Wrote and maintained ETL pipelines incorporating various sources using either Jupyter/Databricks Notebooks, KNIME Server workflows or AWS console
- Created a custom Python library to increase standardization and efficiency in the team's data analysis reporting to hundreds of weekly active users
- Led the team's adoption as group admin of new technologies (Git, JIRA, Confluence, KNIME Server and Tableau Server)

### Data Analyst Consultant

Des Moines, Iowa, USA

MITTERA

Aug. 2014 to Apr. 2017

- Assisted in development of client-facing web apps and internal APIs for report automation in Python
- Wrote SQL and Python scripts to transform data and extrapolate intelligence for business visualizations
- Created original business intelligence dashboards dynamically customized in Tableau
- Analyzed customer survey data and formed original marketing strategy reports and objectives

### Data & Analytics Intern

Des Moines, Iowa, USA

MITTERA

May 2014 to Aug. 2014

- Generated unique and active client data reports including dynamic visualizations and filters in Tableau
- Regularly demonstrated distinct customer-data extractions upon client request using MySQL
- Performed various table calculations in MySQL and PostgreSQL for further procedures or statistical models
- Actively maintained Java code for data cleaning and processing as monthly data-pipeline

## Director of Business Development (volunteer)

Des Moines, IA, USA

HopefulAfrica (501c3 Non Profit)

May 2013 to Aug. 2014

- Organized and executed fundraising and awareness events around Des Moines and Ames community
- Traveled to Kenya overseeing and maintaining organizational programs
- Interviewed and updated partner schools on prospects of future partnerships and program
- Delivered newly fundraised educational supplements and encouraged the success of sponsored students

## Online Networking Chair (volunteer)

Ames, IA, USA

HopefulAfrica (Student Club)

Jan. 2012 to May 2013

- Created and sent weekly newsletter through online html coded service MailChimp
- Communicated electronically to update hundreds of members on info pertaining to meetings and events
- Pioneered a new newsletter format for future chairs and grew the email list by 200+ members

## Project Portfolio

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### Website – Open Source Portfolio

<https://knanne.github.io/>

- Developed a website using the open source Jekyll framework in Ruby, hosted on GitHub pages, to showcase professional web development skills and serve as public portfolio for open sourced projects

### MSc. Thesis - Event Summarization on Twitter

[https://github.com/knanne/vu\\_msc\\_tweetsumm](https://github.com/knanne/vu_msc_tweetsumm)

- After rigorous academic research, integrated multiple open source algorithms with novel crowdsourcing and machine learning techniques to successfully demonstrate improvements for predicting newsworthy content and summarizing event timelines on Twitter, open sourced original framework, publicly published code, data, models, results and ACM-formatted research paper

### Social Web Course Project

[https://github.com/knanne/vu\\_socialweb\\_2016](https://github.com/knanne/vu_socialweb_2016)

- Developed web app for analyzing social web data, dynamically integrating D3 visualizations for exploring connections between members of a research group – tasks included collecting data through APIs, processing in Python, and building an html dashboard from scratch

### Information Visualization Course Project

[https://github.com/knanne/uva\\_infviz\\_2016](https://github.com/knanne/uva_infviz_2016)

- Fully implemented data analysis project from design to development, demonstrating methods of analysis for improving energy labels in The Netherlands - tasks included collecting, processing, analyzing and visualizing public data

## Valued Qualifications

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<b>Software:</b>	Databricks (Spark), Jupyter, Tableau, KNIME, AWS Console, Excel, Git
<b>Languages:</b>	Python, SQL (all flavors), JavaScript, HTML, CSS (familiar: Java, R, SAS)
<b>Libraries:</b>	Pandas, Numpy, Django, Flask, scikit-learn, D3, Bootstrap
<b>Citizenship:</b>	U.S.A., Netherlands

## Summary of Skills

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- Self-motivated
- Strong analytical skills
- Proficient coder
- Process (i.e. reproducibility) oriented
- Project management skills
- Clearly documented