

Kain M Nanne

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Objective Obtain a meaningful and challenging position in a cutting-edge technology company focusing on sustainability and the environment

Education

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

Experience

Elsevier Amsterdam, The Netherlands
Jr. Data Analyst Apr. 2017 to Present

- Developed end-to-end data query, and analytical reporting apps by integrating Python, KNIME and Tableau
- Designed ETL data pipelines incorporating various sources in Jupyter Notebooks or KNIME workflows
- Created a custom Python library to increase standardization, and efficiency in data analysis reporting
- Introduced my team to git, and maintained the team's git repositories on GitLab as master

MITTERA Des Moines, IA, USA
Data Analyst Consultant Aug. 2014 to Present

- Assisted in development of client-facing web apps and internal API's 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

MITTERA Des Moines, IA, USA
Data & Analytics Intern 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

HopefulAfrica, Non Profit Des Moines, IA, USA
Director of Business Development 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

HopefulAfrica, Student Club Ames, IA, USA
Online Networking Chair 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

Website – Open Source Portfolio

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

MSc. Thesis - Event Summarization on Twitter

- 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
https://github.com/knanne/vu_msc_tweetsumm

Social Web Course Project

- 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 API's, processing in python, and building an html dashboard from scratch
https://github.com/knanne/vu_socialweb_2016

Information Visualization Course Project

- Fully implemented data analysis project from design to development, demonstrating methods of analysis for improving energy labels in The Netherlands - tasks included collecting, processing and analyzing, and visualizing public data
https://github.com/knanne/uva_infoviz_2016

Valued Qualifications

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|---------------------|---|
| Software: | Tableau, Excel, Git, KNIME (familiar: IBM SPSS Modeler) |
| Languages: | Python, JavaScript, MySQL, PostgreSQL, HTML, CSS (familiar: Java, R, SAS) |
| Libraries: | Pandas, Numpy, Django, Flask, scikit-learn, D3, Bootstrap |
| Citizenship: | U.S.A., Netherlands |

Summary of Skills

- Self-motivated
 - Strong analytical skills
 - Proficient coder
 - Process oriented
 - Project management skills
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