REMCO BASTIAAN JANSEN

(+31)615087740 — r.b.jansen.uu@gmail.com

 linkedin.com/in/remco-b-jansen

 github.com/rbjansen — rbjansen.github.io

SKILLS

Programming languages	Python (2+ years), R (2 years)
Databasing	SQL (2+ years)
Markup languages	Markdown, LaTeX, HTML, CSS
Visualization	matplotlib, seaborn, plotly, Dash, ggplot2
Statistics and ML	scikit-learn, Monte Carlo methods
Software and Tools	DataGrip, QGIS, Qualtrics, Git, Bash, YAML

PROFESSIONAL EXPERIENCE

Department of Peace and Conflict Research, Uppsala University   *Uppsala, Sweden*
Research Assistant, Violence Early Warning System (ViEWS)   *June 2018 - Present*

- Developing Python products for various purposes and stages within the ViEWS pipeline, including data collection via webscraping and automated online surveys, data cleaning and pre-processing for modelling, and output presentation in the form of automatically generated reports and visualizations. Also responsible for the general maintenance of the code base, and producing monthly predictions using a supercomputing cluster (UPPMAX).

Institute for Security Studies   *Pretoria, South Africa*
External Consultant   *Apr. 2018 - Mar. 2019*

- Produced data, figures, and maps for ISS's contribution to the DFID-funded Political Settlements Research Programme (PSRP). Also supported in the editing process.

Department of Peace and Conflict Research, Uppsala University   *Uppsala, Sweden*
Intern, Violence Early Warning System (ViEWS)   *Aug. 2017 - Jan. 2018*

- Developed scripts and functions in R and Python for error-checking procedures and visualization of simulation input and output. Implemented various unsupervised learning algorithms to produce country clusters as an intermediate processing step for use in statistical modelling.

AKE International   *London, United Kingdom*
Intern, Sub-Saharan Africa Desk   *June 2017 - Dec. 2017*

- Contributed to AKE's Global Intake platform by writing daily risk updates, writing country profiles (Sierra Leone, Liberia, Zimbabwe, and Zambia), and coding kidnap/piracy events in Nigeria and the Gulf of Guinea. Also contributed to periodic kidnap and political violence and terrorism reports.

Department of Peace and Conflict Research, Uppsala University   *Uppsala, Sweden*
Intern, UCDP Georeferenced Event Dataset (GED)   *June 2017 - Aug. 2017*

- Coded events for Iraq (January-July), Israel/Palestine (January-June), Bangladesh (January-June), Russia/Ukraine (January-June), Myanmar (January-May). Also coded June and/or July for Libya, Somalia, Kenya, Nigeria, Cameroon, Chad, Niger, Sudan, South Sudan, Democratic Republic of Congo and the Central African Republic.

PostNL	*Nieuwegein, the Netherlands*
Control Room Operator	*Dec. 2015 - Aug. 2016*

- Monitored and ensured the timely logistics of collection and delivery of mail in the central, eastern, and northeastern Dutch provinces. Also acted on customer complaints through SAP CRM and contact with drivers and managers.

EDUCATION

Uppsala University	*Uppsala, Sweden*
Master of Social Science (MSSc) in Peace and Conflict Studies	*Aug. 2016 - June 2018*
Cum Laude.	

Utrecht University	*Utrecht, the Netherlands*
Bachelor of Arts (BA) in Liberal Arts and Sciences	*Sept. 2011 - Nov. 2015*
GPA: 4.0/4.0, Cum Laude.	

University of California, Santa Barbara	*Isla Vista, CA, United States*
UCEAP Visiting Student	*Aug. 2013 - Dec. 2013*
GPA: 4.0/4.0, Completed with Dean's Honors.	

CERTIFICATIONS

Swedish Armed Forces	*Kungsängen, Sweden*
Civil-Military Relations	*June 2017*

PROJECTS AND PUBLICATIONS

Prediction competition

- Cleaned up, organized, and evaluated predictions of the monthly delta in battle-related deaths in Africa (2014-2019, out of sample), sent in by an international group of 15 teams. Also responsible for the development of a benchmark model.

Data pipeline for an online survey

- Developed a pipeline for an online expert survey using Qualtrics's API and a set of Javascript and CSS adaptations of the front-end. Surveys are personalized, generated, and parsed via a PostgreSQL database and Python modules. Ongoing project since February 2019.

Visualizations

- Wrote a suite of custom visualization modules in Python that is used for the presentation of forecasts and their performance. Also developed Dash apps for interactive online visualizations.

Automated data collection

- Built scrapers of Crisis Group's Crisis Watch, electionguide.org, UK/US Travel Advisories. Also developed data fetchers using APIs from the World Bank, IMF, WFP.

Publications

- Hegre et al. (2019). ViEWS: A political violence early-warning system. *Journal of Peace Research, 56*(2), 155-174. https://doi.org/10.1177/0022343319823860

- Hegre et al. (2020). ViEWS 2020: Revising and evaluating the ViEWS political Violence Early-Warning System. *Journal of Peace Research* (article in press).