Kristian Slabbekoorn

Software engineer, start-up founder

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Education

2012–2015 **Ph.D**, *Tokyo Institute of Technology*, Tokyo, Japan, *(Expected)*.
Research on graph-based topic clustering and visualization on the Social Web.

2010–2012 **MSc. Computer Science**, *Delft University of Technology*, Delft, The Netherlands.
Thesis: Domain-aware Ontology Matching on the Semantic Web
Notables: presented two research papers at premier international conferences; thesis grade of 9.5 (out of 10); six months IT consulting for a finance startup as part of course work.

2005–2010 **BSc. Computer Science**, *Delft University of Technology*, Delft, The Netherlands.
Thesis: Sococa: a real-time socialization and localization platform
Notables: thesis performed as part of a five-month internship at the Cybermedia Center of Osaka University, Japan.

Experience

Employment

2014–current **Co-founder / Executive Officer**, *Solve K.K.*, Tokyo, solvelocalization.com.
Helped found a mobile app localization and marketing company, where I am responsible for:
- The creation and maintenance of company Web resources;
- App Store analysis and app marketability research;
- English-to-Japanese localization assistance;
- Meetings and negotiations with overseas clients.

2008 **Software engineer**, *European Union eBIT Project, CICAT TU Delft*, Delft.
Developed the front-end of a Microsoft Office proficiency assessment tool. The application has seen real use in screening applicants at the University of Colombo, Sri Lanka.
Key technologies: PHP, HTML/CSS/Javascript, XML/XSLT, MySQL

Personal projects

2015 **Twinterest Explorer**, ktslabbie.github.io/te.
Twinterest Explorer is a Web application that leverages semantic data to implement real-time unsupervised topic clustering, labeling and visualization of Twitter users. The resulting hierarchical topic graphs can be explored by zooming in/out or adjusting the topic scope.
Key technologies: Java, REST, HTML5/CSS/Javascript, PostgreSQL, DBpedia, Redis, AngularJS, D3.js, Web Workers, Amazon AWS

2014–current **Xavee.net**, www.xavee.net.
Xavee is an in-progress project for automatic curation of games on mobile app stores. It is an attempt to tackle the problem of app discovery by re-ranking games by their quality rather than popularity, with filtering tools to browse and search for games more efficiently.
Key technologies: Python/Django, REST, HTML5/CSS/Javascript, PostgreSQL, AngularJS, ElasticSearch, Heroku

2014 **The Willy Report**, willyreport.wordpress.com.
I am the (at the time anonymous) author of the influential Willy Report, which analyzes trading logs from the collapsed Mt. Gox Bitcoin exchange to show that fraudulent bots were likely related to Bitcoin's $1200+ price bubble and the exchange's loss of over $400 million worth of Bitcoin. The report received worldwide media attention and is still referenced on an almost daily basis within the Bitcoin community. A follow-up report by security firm WizSec, further confirming many of the findings, is being deliberated by the Tokyo Metropolitan Police's cybercrime unit and other official investigators.
Featured in: *The Guardian*, *International Business Times*, *TechCrunch*, *CNBC*, and more.

2013 **Midas: machine learning-based Bitcoin trading**, github.com/ktslabbie/Midas.
Midas is a Chrome plugin that implements a real-time trading algorithm based on technical analysis, using supervised machine learning on historical data to train a regression model.
Key technologies: HTML/CSS/JS, Machine learning, Bitcoin, Chrome plugin development

Extra-curriculars / volunteer work

2013 **TEDxTitech 2013**, ted.com/tedx/events/8749.
Organizer on the Sponsor Team, where I was responsible for negotiating with companies to help fund the event. Eventual sponsors included Hitachi and Gurunavi, among others.

2008–2011 **Localization of Japanese media**.
Headed several fan-translation projects of Japanese video games. The localizations have received critical acclaim from reputable gaming sites, e.g. HardcoreGaming101 on my translation of a 1996 adventure game: "*The translation [...] is mostly spotless and is very well done. [...] one of the finest examples of fan efforts in video gaming.*"

Languages

English	**Fluent**	*TOEIC score: 990 (2012)*
Japanese	**Professional**	*JLPT N1 (2009)*
Dutch	**Native**	

Computer skills (est. years of experience)

Scripting	Javascript (5), PHP (2), Node.js (0.5), LaTeX(4)	Web	HTML5/CSS (5), AngularJS (1), Django (1)
Imperative	Java (10+), Python (2), C (1)	DB	MySQL/PostgreSQL (5), Redis (1)
Functional	Haskell (0.5)	OS	Windows (10+), UNIX (7), OSX (2), Android (1)
Platforms	Amazon AWS (1), Heroku (1)		

Selected publications

- **Slabbekoorn, K., Noro, T., Tokuda, T.** *Twitter User Recommendation Based on User Relations And Taxonomical Analysis*. 23nd European-Japanese Conference on Information Modelling and Knowledge Bases (EJC), 2013

- **Slabbekoorn, K., Hollink, L., Houben, G.J.** *Domain-Aware Ontology Matching*. Proceedings of the 11th Intl. Semantic Web Conference (ISWC), 2012

- **Slabbekoorn, K., Hollink, L., Houben, G.J.** *Domain-aware Matching of Events to DBpedia*. Proceedings of the DeRiVE Workshop at ISWC, 2011