

# Tom Sydney Kerckhove

Technical Leader, Speaker, Author

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## Disclaimer

This CV is designed to be read by recruiters, headhunters and non-technical parties. There is also an other version of this CV in case you were looking for a CV with more stories or more information about specific projects and work.

## Keywords and Technologies

**Software, Development, Safety, Security, Back-end, Haskell, Reliability, Robustness,**

Haskell, QuickCheck, QuickSpec, Vim, Git, Java, Python, Shell, LaTeX, AWS EC2, AWS S3, AWS SNS, Android, Arduino, Terraform, Assembly, Azure, BLAS, Beamer, Bitbucket, C, C++, CSS, Cassius, Eifel, Emacs, FORTRAN, GPG, Github, Gitlab, Go, HTML, Hadoop MapReduce, Hakyll, Hamlet, Hledger, Hydra, Javascript, Julius, Keycloak, Kubernetes, LAPACK, Lisp, Lua, Matlab, MySQL, Nginx, Nix, NixOps, NixOs, Octave, PHP, Pandoc, PostgreSQL, Prolog, Purescript, R, Ruby, Rust, SBV, SQL, SQLite, Scala, Scikit-learn, Selenium, Servant, Spacemacs, Tamarin, VB.Net, Yesod, Z3,

## Education

<b>Master of Engineering in Computer Science – ETH Zuerich</b>	2016-09-21 - 2017-09-07 <i>Focus: Safety</i>
<b>Erasmus Exchange in Computer Science – ETH Zuerich</b>	2015-09-14 - 2016-06-03 <i>Won the only nomination</i>
<b>Bachelor of Science in Informatics – KU Leuven</b>	2012-09-25 - 2015-06-19 <i>Focus: Abstract Mathematics</i>

## Experience

<b>Technical Leader and Engineering Manager – FP Complete</b>	Remote, Zuerich, CH 2017-09 - present
<b>Founder and Consultant – CS Kerckhove</b>	Remote 2016-12 - present
<b>Writer – Human Readable Magazine</b>	Remote 2019-12 - present
<b>External examiner: OpenAPI and Stripe – HSR</b>	Rapperswil, CH 2020-02 - 2020-06
<b>External examiner: Codepanorama – HSR</b>	Rapperswil, CH 2019-11 - 2020-01
<b>Mentor – Google Summer of Code</b>	Remote, Zuerich, CH 2018-04 - 2018-08
<b>Research Assistant; Functional Programming – ETH Zuerich</b>	Zuerich, CH 2017-06 - 2017-09
<b>Teaching Assistant: Functional Programming – ETH Zuerich</b>	Zuerich, CH 2017-02 - 2017-04
<b>Software Engineering Intern – Facebook</b>	London, UK 2016-06 - 2016-09
<b>Mentor – Haskell Summer of Code - haskell.org</b>	Remote 2016-06 - 2016-09
<b>Teaching Assistant: Functional Programming and Formal Methods – ETH Zuerich</b>	Zuerich, CH 2016-02 - 2016-06
<b>Teacher / Coach – CS Syd</b>	Remote 2016-02 - 2016-06

**Software Engineering Intern – Google**

London, UK  
*2015-06 - 2015-09*

**Robotics Research Intern – KU Leuven**

Leuven, BE  
*2014-07 - 2014-09*

**Board Member – Sagio**

Leuven, BE  
*2013-09 - 2013-12*