MAARTEN BILLEMONT

iOS — Android — Swift — Objective C — Java — C — Bash — Security — HTML/CSS/JS — XML/YAML/JSON

maarten@billemont.ca — +1 (613) 889-0501 — @lhunath

I am a software engineer, analyst, designer and manager.

I believe in finding the right questions before searching for solutions.
I believe in refactoring the product before, during and after adding features.
I believe the broken windows theory applies to software as much as criminology.
I believe in open source and that code benefits from community and diversity.

My code is:

- *clean*, to be inviting,
- *documented*, to be transparent,
- *unambiguous*, to avoid confusion failure,
- *in flux*, because every part lives in a whole,
- *reusable*, to minimize maintenance and rot,
- and *secure*, because each threat creates a window for abuse.

Application design & development:

    *Android (**8y**), iOS (**12y**), macOS (**8y**) — Java (**13y**), ObjC (**12y**), Swift (**4y**).*

Web design & development:

    HTML, CSS, JavaScript.

Maintenance & deployment:

    *Linux (**13y**), OS X (**13y**), FreeBSD (**8y**) — Bash (**13y**).*

Tooling:

    IntelliJ IDEA, App Code, Android Studio, Xcode, Maven, Gradle, GIT, SVN, mosh, Photoshop, …

Anything else:

    For a great idea, I'll learn anything.

Master Password — https://masterpassword.app

A stateless/deterministic cryptographic password algorithm & multi-platform implementations.

Master Password has received praise from journalists, experts and users alike for its innovative, refreshing and professionally executed approach to dealing with passwords.

The Bash Guide — https://guide.bash.academy

A trustworthy source for learning the GNU bash shell.

My ability to teach and convey ideas, principles and pragmatism in clear English is demonstrated in this much praised and oft recommended language guide.

Gorillas / DeBlock (2008 - 2014) — https://gorillas.lyndir.com

A port of the old QBasic classic to iOS and a new kind of block puzzler.

Free and Open Source — https://github.com/Lyndir – https://gitlab.com/lhunath

I am both a strong believer in FOSS. I constantly experiment with new ideas.

#bash — irc://irc.freenode.net/bash

I am a channel operator and well known for providing clear and reliable assistance with GNU bash.

Acoustiguide (2013 - present) — http://interactive.acoustiguide.com

Custom-made mobile applications for museums and events such as the Guggenheim, the Canadian Museum for Human Rights, the Hunger Games & Avengers exhibitions, etc.

In collaboration with the design team and through iterative process with the client, developed mobile iOS and Android applications to guide visitors through media-rich experiences.

Lin.K (2007 - 2013) — https://linkid.be

A customer identity provider with strong authentication, multi-factor devices and single-sign-on.

In a team of three, developed a J2EE-based central multi-factor authentication (smartcard, mobile, SMS, electronic ID, QR, password) and identity management provider.

Encap (2010 - 2012) — http://encapsecurity.com

A multi-factor authentication provider focussed on strong authentication for online banking and financial systems.

In collaboration between Lin.K and Encap, solely re-engineered the API and plug-in based multi-factor authentication system underpinning Encap's online banking solution.

Lin.K — Mario Houthooft <mario.houthooft @lin-k.net>

Founder & Former CEO Vasco Data Security, Founder & CEO Lin.K NV

"Maarten Billemont has been working with our company Lin.K NV as a development engineer since Q4 2007. He joined a small but specialized software team developing user centric identity solutions and has acquired an extensive experience in agile software development and extreme programming in Java based client/server solutions for the financial, government and e-commerce markets.

Furthermore Maarten focused especially on the development of secure mobile authentication and signing applications on the Apple iOS platform for use with mobile banking applications in Scandinavia since the market launch of the Apple App Store.

Being from the start a true team player, result driven and quality minded, Maarten has become a key senior software development engineer in the Lin.K software development team.

We highly recommend Maarten as a senior software development engineer, a key resource in a dynamic, quality and result driven software development team."

Encap — Johan Sörmling <johan.sormling@encap.no>

Director of Development Encap AS

"During his time with Encap AS, Maarten proved himself to be an able and professional team member, whose excellent team skills made him an integral part of the development team.

Maarten worked as a consultant from Lin.K NV, he was platform responsible for iOS until Encap had built up own competence on that platform.

Maarten did the initial iOS and server development for Encap's authentication and digital signing solution for smartphones and smart devices.

Maarten was an important player for starting the project and getting the first version into production for our customers and made many of the important architectural decisions in the first phase of Encap v2 that the whole solution is built up around today.

We wish Maarten every success in his future endeavours and would have no hesitation in recommending him for any other relevant position."