Thomas Keunebroek

Computer Science student at UTC

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Objective

Starting Feb. 2014	To obtain a position as a software engineering intern for six months where skills in software design, user interfaces crafting, project management and productivity will contribute to challenging software projects.

Work experience

Sept. 2012 Feb. 2013	**Software developer intern**, *Shopmium*, Paris, France. • Improved startup's core business mobile app's performance, compatibility and maintainability on iOS and Android by implementing a custom common MVC architecture and setting up development guidelines. • In charge of the iterative R&D program on the Android version as well as the publishing on Google Play. *MVC, UI, UX, Git, Mercurial, Appcelerator Titanium.* **6 months.**
Feb. 2011 March 2011	**Industrial data processing**, *Rakon SAS*, Argenteuil, France. • Developed automatic measuring system on quartz oscillators for quality requirements. *VB, GPIB programming, BASIC, automation, report generation.* **2 months.**

Diplomas and education

Fall 2013	**International exchange program**, *University of Rhode Island (URI)*, Kingston, RI, United States. Software metrics, project management and scheduling. **5 months.**
Sept. 2009 June 2014	**Diplôme d'Ingénieur en Génie Informatique**, *Université de Techonologie de Compiègne (UTC)*, Compiègne, France. Master's degree in Computer Science, specialized in software design, UI/UX and human-computer interaction. *Algorithms, data structures, databases, OOP, AI, operating systems, mathematics, physics, art.* **5 years.**
Spring 2011	**Erasmus exchange program**, *TU Braunschweig*, Braunschweig, Germany. General engineering studies. *Applied mathematics, Java, C++ and front-end web programming.* **5 months.**

Information technology

Projects (thomaskeunebroek.fr | github.com/tkeunebr)

Moka	**Created Moka, an innovative platform allowing real-time, in-room collaboration over a common screen, as a member of a 4 person team at UTC**. Features include mobile apps as wireless remotes, an output web platform and a back-end server handling synchronization throughout the system. *Java, REST, Jade, Android, NFC, HTML5, JavaScript. More at themokaproject.github.io.* **4 months.**
UVweb 2.0	**Designed the new version of UVweb, UTC's social network for students**. Provided web services and smartphone applications as well as a simple, unified design language for the platform. *Symfony2, PHP, Bootstrap, Android, Java.* **8 months.**
Mango	**Developed Mango, a cross-platform web browser**, built on top of WebKit. **2 months**.

Skills

Programming	C, C++ (intermediate), Java (proficient), C# (prior experience), PHP (intermediate), JavaScript (intermediate), x86 Assembly (prior experience), Lisp (prior experience), Android SDK, Symfony2, Swing, Qt.	**Software engineering**	UML, agile methods, project management, MVC, design patterns, data representation, Git.

Languages

French	Native. **English** Fluent, TOEFL 106/120, European C2 level. **German** Advanced, European C1 level.

Extra activities

Community involvement	Co-Administrator of UVweb (assos.utc.fr/uvweb), a tiny social network for students at UTC.
Hackathons	BeMyApp, a French contest where teams make an app in one weekend (Bada, NFC).