Thomas Kuntz

Student in Computer Science

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Education

2013 – 2014	**Master degree of Computer Science**, *University of Strasbourg*, Strasbourg(67), France, 1st year. Network and Embedded Systems
2010 – 2013	**Bachelor's degree**, *University of Strasbourg*, Strasbourg(67), France. Computer Science
2010	**Baccalauréat**, *Lycée Kleber*, Strasbourg(67), High school degree. Scientific series, speciality in Physics

Work Experience

2014 Summer	**Google Summer of Code**, *Bluejimp SARL*, Strasbourg(67), France. Development of a stress test tool for jitsi-videobridge, a WebRTC compatible Selective Forwarding Unit
2013 Summer	**R&D Internship**, *ICube Laboratory - Network Team*, Illkirch(67), France. Research for a solution allowing the piloting of multi-robots framework (Turtlebot) ○ Handover and programming of the robot Turtlebot and its framework ROS (Robot Operating System), ○ State of the art of already existing solutions of multi-robots displacement and collision avoidance

Skills

Mastered languages	C, C++, Java, SQL
Known languages	Python, Bash, laTeX, PL/SQL, OCaml, PHP, HTML, CSS
Development tools	Git, SVN, Valgrind, gdb
Network services	DNS(bind9), IMAP/POP(Courier), SMTP(Postfix), SNMP, firewall(iptables)
Compilation tools	Lex, YACC, LLVM
Parallel computing	OpenMP, MPI, pthread
Embedded systems	good knowledge in electronics, Arduino programming, real time programming(Linux)
Network and System programming(GNU/Linux)	Signals, Timer, Fork, inter/intra processes communication, Thread, UDP/TCP
English	**Very good at reading/listening, good at writing and speaking**

○ Knowledge in compilation : lexical/syntactic analysis, Intermediate representation/code generation, code optimizations.

○ Good knowledge in GNU/Linux systems and other UNIX based systems.

Hobbies and interests.

Literature	Fantasy/Science-Fiction novels. Comic books, Mangas.
Multimedia	Movies,TV Series , Video games