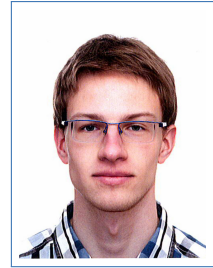


Antoine JUCKLER

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Born on 22/04/1994



Objectives

Work in a multicultural team on challenging problems, using my skills in electronics and programming while satisfying my thirst for knowledge.

Education

- 2014–2016 **Master of Science in Electrical Engineering: Electronic Circuits and Systems**, with highest honours, Ghent University, Ghent, Belgium.
- 2015–2016 **International Exchange**, Tokyo Institute of Technology, Tokyo, Japan.
- 2011–2014 **Bachelor of Science in Electrical Engineering**, with honours, Ghent University, Ghent, Belgium.
- 2005–2011 **High school**, Collège du Christ-Roi, Ottignies, Belgium.

Work experiences

- Jul.–Sep. 2015 **Back-end software developer/tester (intern)**, *Amplidata N.V.*
Stress testing Amplidata's storage backend through its C++ API
- July 2014 **Student job**, *Ghent University - Department of Information Technology*.
Design and build of a scissor lift and its controlling circuit

Master thesis

- Title Design of a new 60 GHz antenna array arrangement using a genetic algorithm for use in the Gigabit Access Transponder Equipment
- Supervisors Prof. H. ROGIER (Ghent University), Prof. J. HIROKAWA (Tokyo Institute of Technology)
- Description The elements' arrangement of a slot antenna array operating in the 60 GHz band is optimized in order to achieve wider coverage and reduce the antenna fabrication cost. The optimization is realised with a self-designed 2D genetic algorithm. After this, the local optimum is determined using a peak search algorithm and finally stability of the resulting array arrangement is studied.

Languages

- French Mother tongue
- English Fluent
- Dutch Fluent
- Japanese Basic conversation

B2-level certification in July 2011

Extra-curricular activities

Cultural chief at TISA (student association)

*Team work, leadership, time
management*

Webmaster-webdesigner

Thirst for learning, creativity

Software knowledge

Microsoft Office Word, Excel, Powerpoint

L^AT_EX, Matlab, LabView

C, C++, Java, VHDL, HTML5, CSS3, PHP, Python

SolidWorks, ADS, CST Microwave Studio

Interests

New technologies, telecommunications, space, transportation systems, programming, antennas, Japanese animation, drums