

Tom Verbeeck

GRADUATING STUDENT

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“Make the change that you want to see in the world.”

Education

KU Leuven (Faculty of Engineering Technology Campus Group T)

Leuven, Belgium

MASTER INDUSTRIAL SCIENCES OPTION INTERNET COMPUTING

Jun. 2017

- Bachelor's Thesis: Android application with google maps android API to map the trees in Leuven.
- Master's Thesis: Setting up communication between a server and the government. (SOAP Web Services)

Experience

Xplore

Kontich, Belgium

JAVA-DEVELOPER (STUDENT)

July 2016

- Developing a digital platform for digitizing the CV's of Xplore employees in a structured format and the associated tooling for versioning and storage of the CV's.

Makro Cash & Carry België

Wommelgem, Belgium

STUDENT DATABASE

Sept. 2016

- Creating a database for all the products that Makro offers in their supermarkets in Belgium (180.000 products).
- Making the communication with the supplier more efficient by converting raw data to a template file.

Extracurricular Activity

KLJ Borsbeek

Borsbeek, Belgium

YOUTH LEADER

2012 - PRESENT

- Organizing activities for children aged 10 to 17 and adults.
- Since 2014 president of the board.
- Administrator of the website.

Projects

Android Application

Leuven, Belgium

CREATING AN APPLICATION LIKE IMDB WITH MOVIE AND TV-SHOW INFORMATION.

Jan. 2016

- Creation and design of the android application.

Website

Leuven, Belgium

DEVELOPING A WEBSITE TO EVALUATE THE QUALITY OF LIFE OF ELDERLY PERSONS.

Jan. 2017

- Setting up the back-end with code igniter (PHP)
- Setting up the front-end with angular.js

C++ Game

Leuven, Belgium

CREATING A GAME WITH A PROTAGONIST AND ENEMIES.

Jan. 2017

- Implementing an A* pathfinding algorithm.
- Implementing a MVC-model.

Android Application

Leuven, Belgium

CREATING AN APPLICATION TO PERSONALIZE A SMART TOILET.

Present

- Creation and design of the android application with communication between a raspberry pi and an Android application.

HARD SKILLS

Java, Made multiple applications that were built with Java. 3 years of experience and classes in University.

Java EE, Used this as the back-end for the CV application for Xplore and also using this in my master thesis together with soap web services. 1 year of experience and classes in University.

Soap Web Services, Used this technology in my master thesis to communicate with the social security department.

ODOO, Used this technology in my master thesis to get information from the company to send it to the government.

HTML & CSS, Learned this skill at my student job at Xplore and mastered it with the creation of multiple websites. 1 year of experience and classes in University.

PHP, Used this in web sites (code igniter) and also in android application to access a SQL database. 2 years of experience and classes in University.

Javascript, Learned this also at Xplore together with JQuery and Angular.js and mastered it with implementing this in multiple sites. 1 year of experience and classes in University.

C & C++, Creation of a sensor node system in c and a c++ game with the help of QT creator. 1 year of experience and classes in University.

Matlab, Created a 'Fall Detection Program' to detect if a person fell on a video. Sound and image processing techniques. 2 years of experience and classes in University.

SQL, Created multiple database structures for HTML, Java, Android, ... applications. 3 years of experience and classes in University.

VBA, Created an application to change between raw data and a template in Microsoft excel.

Git, Used this at Xplore and also using this for my master thesis.

Scrum, Used this technique at a project University.

BLE, Used this technology for the communication between a raspberry pi and an android application.

Electronics, Graduated in my bachelor as an ict/electronics engineer with multiple courses about building electronic schematics and circuits and also created PCB's for multiple projects.

SOFT SKILLS

Dutch, Mother language.

English, Speaking fluently thanks to multiple projects with international students at Group T.

French, Basic knowledge.

Organizing, Organizing and creating the quiz of our local youth movement for two years with an attendance of 30 teams.

Leadership, Learned this at my youth movement and mastered it at University and chosen as best scrum leader in a project of 7 people.

Presentation, Since management and communication is an important topic at Group T, we had to give systematically presentations for our projects in Dutch, English and French.

Team Player, Learned this skills by the various (international) projects I've done over the past years in University.