Yacob Ben Youb

Technical Computing Bachelor

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Driving License B
Married
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Summary:

Full Stack technical computing bachelor with a minor in creative startups.

Fast learner with passion for practical innovation, automation and problem solving.

Experience

Infologic - *A framework to quantify airport display interaction using machine vision*

Juli 2018 - January 2018

- Created a modular machine vision framework to track individual people, faces and extract data such as emotion, age and gender for analysis of display interactions.
- Cleaned the data using Pandas and visualised it with a web interface using the Dash framework
- Prototyping and fast iteration on MVP's
- Thesis graded as master level with a 9,3/10 (A)

Kunstkado -*Sales Manager Nederland*

Juli 2012 - Juli 2018

- Experienced standholder on expo's
- Account manager for new and existing customers.

Cofely / Engie Wormerveer - *Internship PLC ship electricity delivery system*

August 2015 - February 2016

- Built a 4G harbor electricity delivery system using PLC
- Completed PLC expertise course at Phoenix Contact

Stables Tjitske Bakker - *Stables aid*

December 2009 - August 2015

- Experience teaching children and animal affinity
- Paving stones, repairing fences, electrical line, hammering poles and other craftwork

Bulb company Bert Rotteveel - *Production employee*

December 2010 - August 2013

- Tulip processing and general affinity with agriculture

Education

Amsterdam University of Applied Sciences - *Technical Computing*

August 2012 - 2019

Primarily focussed on low-level programming languages. Differentiates from from ordinary Software Engineering by putting more emphasis on embedded programming and less on networking. Graduated with a 9,3/10

Hogeschool Van Amsterdam *- Minor Creative Startups*

February 2016- June 2016

Focussed on business, marketing, testing and innovating new concepts. This was done following the Lean method and MVP creation.

Programming knowledge

- Expertise of Java
- Expertise of Python
- Expertise of PLC languages: LD, ST, FBD
- Experienced with C/C++
- Experienced with C#
- Experienced with Javascript
- Experienced with REGEX
- Experienced with JSON
- Experienced with HTML/CSS
- Experienced with SQL
- Experienced with STM32, Arduino en Raspberry Pi
- Experienced with RESTful API
- Experienced with Ubuntu bash and Windows cmd
- Experienced with Windows AutoHotKey scripting
- Experienced with UML
- Experienced with testing
- Ervaring met networking
- Basic knowledge of Docker and containers
- Basic knowledge of Solidity (Ethereum blockchain)

Frameworks:

- Expertise of Python Pandas
- Expertise of Python en C++ OpenCV
- Experienced with ROS (Indigo) en Turtlebot 2 robot
- Experienced with Python Dash
- Experienced with Tensorflow

- Experienced with Python Tkinter
- Experienced with JavaFX
- Experienced with Maven and Gradle

Spoken and written languages

Native/bilingual:
- Dutch
- English

Decent
- French
- German
- Arabic

Overige ervaring:

- Dutch driving license (B) with a lot of driving experience
- Scrum, Agile and Lean development
- Building, installing and running multiple mining rigs
- Certified PLC developer for Phoenix Contact and most general PLC's.
- Much knowledge about blockchain protocols and general crypto.
- Microsoft Word / Google Docs
- Microsoft Excel / Google Sheets
- Microsoft Powerpoint / Google Slides
- Adobe Photoshop
- Video editing (Premiere Pro, Sony Vegas)
- Audio editing (Audacity, Bitwig)
- Electrical engineering
- Mechatronics
- Unity/Unreal Engine 4
- Lift and Reach Truck certificate

Hobbies:

- Drumming
- Horse riding
- Boxing
- Creating gadgets