# MERYEM SEMA BOLAT

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Uskudar / Istanbul

*GitHub*  `https://github.com/Meryem-b`
*LinkedIn*  `https://www.linkedin.com/in/meryem-sema-bolat/`

## EDUCATION

**B.S. in Mathematics Engineering, Istanbul Technical University**   2017 - 2021
*Thesis: Lie symmetry of differential equations (Advisor: Doç.Dr. Nurettin Cenk Turgay) (3.49/4.00)*

**Philippines Language Center**   2016 - 2017
*English language education in the Philippines.*

**Open High School Education**   2012 - 2016

## WORK EXPERIENCE

**SIEMENS, Test Automation Engineer, Part-time**   Aug.
*JAVA, Data Structures And Algorithms, OOP (Java), introduction to computer architecture, script programing (Python), Linux, CI/CD And DevOps, SDLC , STLC And Testing Fundamentals (ISTQB) , Software Test Automation on Selenium And Java*

**INTELLICA, Data Warehouse Analyst, Intern**   Aug.-Sept. 21
*Data Warehouse and Data, Modeling, SQL, ODI (Oracle Data Integrator), Data Mining, Data Visualization, Cognos, Informatica, Introduction to Cloud.*

**ITU TEKNOKENT AMANI AI, Part-time**   Jan.- May. 21
*Python and OpenCV: Real-Time Image Processing, artificial intelligence*
*Projects have been completed on topics such as image processing, artificial intelligence and OPENCV.*

**SODACO Company, Part-time**                          Dec. 20 - 21
*Software Developer and Business Development Representative*


**ITU Underwater Vehicle Team, Volunteer**                2017 - 2018
*By using OPENCV, the image data received by the vehicle were processed with the algorithms developed by the software team, and the text, number, color and geometric shape were determined in the image. https://rov.itu.edu.tr/*


## SKILLS

Java, Python, C++ ,C , PHP , JavaScript , Linux
Web Programming (HTML — PHP — CSS — JS — mySQL)
Matlab, wolfram mathematica , SQL, OpenCV, DevOps
ODI (Oracle Data Integrator) , LaTeX, OOP in Java and C++
Microsoft Office

## Projects:

https://www.beplusglobal.com/BePlus.php
https://web.itu.edu.tr/bolat16/Meryem/MeryemLoginPage.php
https://web.itu.edu.tr/bolat16/Coffeehouse.php


| *Languages* | English (Advanced) |
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| | German (Beginner) |
| | Italian (Beginner) |


## CERTIFICATE

**ITU High Honor Certificate(3.50/ 4.00 average )**        2018 - 2019
**Mindset Institute C Level English Certificate**          2017 - 2018
**Philippines English Center B1+ Level English Certificate )**   2016 - 2017

## ARTICLES

**Lie Symmetries Of Differential Equations**              2020 - 2021
**The Importance Of Libraries**                          2019 - 2020

# REFERENCES

References part is here