Munir Fati **Haji**

STUDENT · MSC. ROBOTICS

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Education

WUT(Warsaw University of Technology) *Warsaw, Poland*

MSc in Robotics (GPA 4.5) *Oct. 2021 - PRESENT*

- Course Highlights: Computer Vision, Neural Networks, Operating systems, Artificial Intelligence, Optimisation techniques, Embedded systems
- Granted Ignacy Lukasiewicz Scholarship by the Polish National Agency for Academic Exchange(NAWA).

DBU(Debre Berhan University) *Debre Berhan, Ethiopia*

BSc in Mechanical Engineering (GPA 3.81/4) *Oct. 2015 - Jan 2021*

- Graduated January 2021

Skills

Programming	HTML5, CSS3, JavaScript, ES6+, React JS,TypeScript, Python, MATLAB
Familiar	Node Js, Bootstrap, Tensorflow, Keras, openCV, numpy, sklearn, pandas, Latex
Soft Skills	Problem-solving, Time management, Teamwork, Communication, Flexibility, Patience
Operating systems	Windows, Linux
Languages	English, Polish(A2)
Driving License	Category B, B1, AM

Experience

Anbessa City Bus Service Enterprise *Addis Ababa, Ethiopia*

Mechanical Design Engineer (Intern) *Mar. 2019 - Jun. 2020*

- Worked in the preventive maintenance and design department.
- Converting 2D mechanical drawings into 3D models, and assembling mechanical components using SOLIDWORKS.

Projects

JavaScript 30 *Project Link*

30 Day Vanilla JS Coding Challenge *June. 2022 - Jul. 2022*

- 30 days of Javascript challenge. 30 Projects for 30 Days(1 project per day).
- Revision on DOM Manipulation, fetch, Callback, Arrow Functions, Promise, Array methods.
- **Utilized**: HTML5, CSS3, JavaScript, ES6+

Weather App *Project Link*

React, JavaScript Project *Aug. 2022 - Aug. 2022*

- Developed a Web app to show the current weather (i.e temperature, wind speed...) of a location based on the interest of the user
- The weather is fetched from Real-Time & Historical World Weather Data API
- **Utilized**: HTML, CSS, JavaScript, React, World Weather Data API

Todo List App *Projects Link*

React, Typescript Project *Aug. 2022 - Current*

- Developing To do list App
- User can view, add, update, delete todo tasks with deadline
- Track to do progress, Identify which task needs priority
- **Utilized**: Typescript, React Js, SCSS

Inria aerial image segmentation using U-Net network *Project Link*

Neural Network Project *Nov. 2021 - Dec. 2021*

- Developed an algorithm that automatically converts given Aerial image to black and white, where black represents background and white represents buildings.
- Dataset: Inria Aerial Image Labeling Dataset
- **Utilized**: Pyhton, tensorflow, keras, openCV, numpy, sklearn, pandas