

OGBONNAH CHINEMEREM

AUTOMATION AND ROBOTICS ENGINEERING STUDENT



MY CONTACT

P: +358465433500

E: chinemeremogbonnah2@gmail.com

A: 40640, Jyväskylä



PERSONAL SKILLS

Teamwork
Problem Solving
Time Management
Communication
Creative and Innovative thinking
Attention to detail
Proper work ethic



EDUCATIONAL BACKGROUND

JAMK University of Applied Sciences

2023 - 2027

Bachelors in Automation and Robotics

Deeper Life High School

2016-2022

High School



LANGUAGE

English -> Fluent

Finnish -> Basic-Intermediate



REFERENCES

Anna Tenhunen

+358 504112215

Talent Boost Coordinator

Victor Solovev

+358 413178791

UMT Victor

Web CV

dreamfuse.github.io/cv

LinkedIn

linkedin.com/in/meremo



MY PROFILE

Third-year Automation student proficient in TIA Portal and currently learning the Beckhoff TwinCAT environment. Strong problem solver and team player, with experience working on mini-projects involving multiple communication protocols. Passionate about taking innovative and creative approaches to solve technical challenges.



TECHNICAL SKILLS

- PLC Programming (Ladder Logic, FBD, SFC)
- Siemens TIA Portal
- HMI & SCADA Development
- Siemens WinCC
- DCS Systems: Valmet DNA
- Industrial Communication Protocols: Profibus/Profinet, Modbus TCP, AS-i Bus
- Basic Control Systems
- Risk Analysis, Safety Planning & Design
- Field Instrumentation Planning
- Logical Controls
- Process Engineering
- AutoCAD
- MATLAB
- LabVIEW
- C# Programming
- IT & Data Network Basics
- Microsoft Office 365
- GitHub Environment



EXPERIENCES

Talent Boost Intern

JAMK

Aug 2025 - Dec 2025

Supported event planning and generated ideas to help improve student adaptation to the Finnish working life.

Marketing Intern

UMT Victor

Nov 2024 - Mar 2025

Developed creative marketing campaign ideas to drive fan engagement and created posters, videos and designs using WordPress, Premiere Pro, and Photoshop for clients.

Viitasaari Hackathon

March & Sept 2025

Worked in a team to develop solutions for real company cases, presented our progress to the company at regular intervals, and gathered feedback to keep the solution on track.

Media Club

Deeper Life High School

2019 - 2022

Assisted the media team with setting up equipment for events and solving technical issues during the event, using temporary fixes when needed until proper repairs could be made.

Teaching Assistant

Deeper Life High School

2019 - 2022

Volunteered in school to help tutor students in STEM subjects.

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ACADEMIC WORK / PROJECTS

- Planned and created a PLC program for a pumping module using on/off valves, pressure and temperature sensors, AS-i bus communication, VFDs, and PID controllers.
- Built HMI and SCADA programs for a pumping module using WinCC
- Analysed and troubleshooted digital circuits and PLC programs to locate faults and correct them.
- Modelled a process in MATLAB, tuned the system, and worked with ratio control and cascade control.
- Prepared device lists for a process, including field device planning and documentation, I/O lists, wiring diagrams, cross-connection lists, enclosure planning, and circuit diagrams.
- Sizing and selecting motors and valves using software such as the Valmet NelProf tool and the ABB Drive Size tool.
- Built and configured network structures in a virtual environment, including routing, switching, firewalls, and IPv4/IPv6 addressing.
- Learned and applied safety standards and directives.
- Created a C# GUI program to work using the Modbus TCP communication protocol.



CURRENTLY LEARNING

- PLC Programming in STL
- Beckhoff TwinCat Environment
- Python Programming Language
- Improving my Valmet DNA skills
- Improving my PID-Tuning methods and design and control system skills
- Basics of Model Predictive Control



PERSONAL LEARNING PROJECTS

- Event Logger in Beckhoff TwinCAT using STL
- Basic Object sorting based on the type of material using Tia Portal (Simulated)
- Multiwindow C# GUI that communicates using Modbus TCP protocol