

Andrii Prykhodko

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[LinkedIn](#)

Skills

Programming: Python, C++, Java, Java script, Matlab, HTML/CSS, Arduino

Electronics: Microcontrollers, Sensors, Electric circuits

Libraries/Frameworks: NumPy, Pandas, TensorFlow, Node.js, Gym (Deep Mind)

Databases/Software: Git, Solidworks, Webots, VS Code, IntelliJ, PyCharm, Jupyter notebook, Matlab, GrabCad, Arduino IDE, Unity

Soft skills: Communication, Collaboration, Adaptivity, Critical Thinking, Creativity, Persistence

Education

BSc. Mechatronics Engineering at Western University 2022 – 2026

Junior Specialist Marine Navigational officer at Odessa Nautical College 2017 – 2021

Specialized Secondary School No. 86, Odesa, Ukraine 2007 - 2017

Experience



Mechanical engineer | WeMars | UWO club October 2022 – Present

- Designed rover hubs, molds, Belly Pan
- Measured, cut, and worked with carbon fiber, aluminum, acrylic sheets
- Assembled rover prototype



Machine-learning lead | WeBots | UWO club September 2022 – Present

- Programmed motor controls for simulation
- Simulated motor movement in Webots software
- Assisted with Custom environment and reward system
- Designed neural network based on motor and sensor outputs

Deck cadet on Container vessel October 2021 – May 2022

Deck cadet on Cruise ship September 2020 – April 2021

Porter at Palace Del Mar Odessa May 2020 – September 2020