DENYS LEVCHUNETS

Embedded Engineer

CONTACTS

Mobile: +380 50 28 90 454

Email: denys.levchunets@gmail.com

Website: https://noRneeded.github.io

Location: Ukraine, Lviv

SKILLS

- **Programming:** C / C++ embedded / Matlab
- **MCU families:** AVR / ESP / STM
- **IDE & code editors:** VS Code / Atmel studio / Arduino / KEIL µVision / IAR EW
- **Protocols:** UART / SPI / I²C / ARINC
- **CADs:** Altium designer / KOMPAS
- **Languages:** English (intermediate) / Ukrainian (native) / Russian (fluent)

INTERESTS & ABOUT

- Keep wondering about technologies in the fields of radio engineering and programming. Dedicated to the POC approach as the great way to gain expertise.
- Lead engineer working experience taught me to be product release oriented, as well as being attentive to details.

GOVERNMENTAL PROGRAMS

- **5Б-2012** "Theoretical bases evolution and methods development of combined static-dynamic signal types spectral estimation in radiolocation"
- **5Б-2015** "Evolution and research of multifrequency phase radiolocation rangefinder theory methods"

EXPERIENCE

Applications Engineer

"Dialog Semiconductor" PLC | July 2020 - Present

Lead Engineer

"Radionix-MLT" LLC | 2017 - May 2020

- Provided special-purpose equipment products production launch and its maintenance.
- Conducted import substitution, reverse engineering and modernization tasks in order to improve product parameters and expand its functionality.
- Developed products and test equipment, as well as wrote accompanying documentation to it.
- Contributed scientific results and utility models patenting.
- Took part in qualification tests of product prototypes.
- Made decisions on both defects elimination and product finalizing, due to its malfunction.

Junior Researcher

Radio Engineering Department KhNU | 2013 - 2016

- Studied localized basis transformations (such as wavelet and windowed FFT) in signal processing task, as a part of governmental programs*.
- Proposed a method of choosing the wavelet transform core as a part of solution for deterministic signals asynchronous filtering task.
- Developed a method of synthesizing a wavelet transform core using PCA for QAM-based constellations.
- Obtained results were published in scientific articles.
- Participated in specialized conferences and study results approbation.

ACADEMIC BACKGROUND

Khmelnytskyi National University

Master of Radio Engineering | 2008-2013

- Attended from 2013 to 2017
- Graduated with Honors