

NATALIIA KYRYCHENKO

Kyiv, Ukraine 🏠
+380673227729 (WhatsApp) 📞
natalija.kyrychenko@gmail.com ✉️
08-Sep-2001 📅



EDUCATION

Master's Degree | Faculty of Physics, Taras Shevchenko National University of Kyiv

2022 – PRESENT

Department of Physics of Metals

Educational program: Physics of Nanosystems

Erasmus+ internship | LEMTA, Université de Lorraine, CNRS, Nancy, France

2023

Simulation of thermal transport in nanostructures by molecular dynamics

DAAD (The German Academic Exchange Program) | Technical University of Chemnitz

2022

Practical course in Semiconductor Physics

Remote lab experiments and research work

Educational programs: Physics of Semiconductors and Nanostructures, Nanoelectronics

Additional course | Georgia Institute of Technology, Coursera

2020

Linear Circuits 1: DC Analysis

Additional course | Moscow Institute of Physics and Technology, Coursera

2020

We built robots and other devices on Arduino. From traffic lights to 3D printer

Additional course | National Research Nuclear University MEPhI, Coursera

2020

Physics in experiments. Part 4. Waves and optics

Bachelor's Degree | Faculty of Physics, Taras Shevchenko National University of Kyiv

2018 – 2022

Department of Physics of Metals

Educational program: Physics of Nanosystems

Subject of the bachelor's qualification work: Synthesis and properties of high-entropy oxides with unique structure and properties.

Secondary Education | Physical-Technical Lyceum, Ivano-Frankivsk

2015 – 2018

Bronze and silver medal winner of tournaments in Physics and Math



WORKING AND INTERNSHIP EXPERIENCE

Analyst | Blago Development Inc., Building Construction & Architecture company

2020 – 2021

Experience of CAD modeling for new materials in industrial and house building and design. Calculation and optimization of construction WBS, cost and estimates.

Trainee | Electronics Manufacturing Systems, Techto Electronics LLC, Denmark

2019

Acquainted with Lean Production (Toyota Production System) principles, THD/SMD automation lines work, automotive and boxbuild production site.



ACTIVITIES

Active Student self-government participant | Taras Shevchenko National University of Kyiv

2018-2021

One year as the Secretary of the Student Council.

Two years in the position of the Student Trade Union moderator.

Experience in organizing different activities for students.

Volunteer for UAF, IT frontline BI Analyst for Cyber Security of UA vs RU invasion resistance

2022



SKILLS AND PERSONAL QUALITIES

Languages

- English – Upper Intermediate, B2 certified
- Ukrainian – native

Computer Skills

- Math software (Origin), Python coding, Physical software (LAMMPS, ALAMODE)
- MS Office
- Google Workspace (G Suite)