

ЕВРОПЕЙСКИ
ФОРМАТ НА
АВТОБИОГРАФИЯ



PERSONAL INFORMATION

Name

YORDAN VELKOV YORDANOV

E-mail

yordan.yordanov@tu-varna.bg

Nationality

Bulgaria

DOB

03.12.1998

WORK EXPERIENCE

Assistant Professor – 10.2025 – Ongoing

Technical University of Varna, Varna

Duties

- Conducting laboratory exercises in the subjects " Basics of Computer Communications" and "Administration of Computer Networks"
- Preparation of lab materials, student examination and feedback

Design and Programming Expert – 05.2023 – 09.2025

Manpower Bulgaria Ltd. – Contractor for Broadcom Bulgaria Ltd., Varna

Duties

- Familiarity with microarchitectures of microchips and specifications of the logic blocks in them
- Development and verification of test strategies, test designs, test cases and suites for hardware products

Technologies

- VHDL, FPGA, Verilog, System Verilog

Assistant Professor (part-time) – 09.2024 – 01.2025

Technical University of Varna, Varna

Duties

- Conducting laboratory exercises in the discipline " Basics of Computer Communications"
- Preparation of lab materials, student examination and feedback

EDUCATION AND TRAINING

Software Developer – 11.2021 – 03.2023

Quanterall Ltd., Varna

Duties

- Familiarity in working with human genomic data - scientific theory, file formats, etc.
- Development of an application for processing and visualization of genomic data

Technologies

- Data Analysis - Python, R, Bioconda
- Web Application Development - ReactJs, Tailwind CSS, NodeJs, Electron, Elixir

Assistant Professor (part-time) – 09.2022 – 01.2023

Technical University of Varna, Varna

Duties

- Conducting laboratory exercises in the discipline "Basics of Computer Communications"
- Preparation of lab materials, student examination and feedback

PhD Program – Computer Systems, Complexes and Networks – 08.2023 – Ongoing

Technical University of Varna, Varna

Master's Degree (MSc) – Cybersecurity – 09.2021 – 01.2023

Technical University of Varna, Varna

Bachelor's Degree (BSc) – Computer Systems and Technologies – 09.2017 – 06.2021

Technical University of Varna, Varna

PERSONAL SKILLS AND COMPETENCE

MOTHER TONGUE

Bulgarian

OTHER LANGUAGES

ENGLISH

READING	WRITING	SPEAKING
C1	C1	C1

ADDITIONAL INFORMATION

PUBLICATIONS

HAKA, Aydan; YORDANOV, Yordan; DINEV, Diyan; ALEKSIEVA, Veneta; VALCHANOV, Hristo. Simulation Environment for Examining the Pairing Methods in BLE Technology. 2023 18th Conference on Electrical Machines, Drives and Power Systems (ELMA), 2023, pp. 1-4. DOI: 10.1109/ELMA58392.2023.10202261.

YORDANOV, Yordan; HAKA, Aydan. Bluetooth Low Energy Technology Simulators, *The Journal of CIEES*, 2022, vol. 2, no. 1, pp. 7–11. DOI: 10.48149/jciees.2022.2.1.1.

HONORS AND AWARDS

НАКА, Aydan; YORDANOV, Yordan; ALEKSIEVA, Veneta; VALCHANOV, Hristo. Study of Received Signal Strength Indicator values of Bluetooth Low Energy in Test Environment and Simulation. *2022 International Conference Automatics and Informatics (ICAI)*, 2022, pp. 282-286. DOI: 10.1109/ICAI55857.2022.9960009.

НАКА, Aydan; YORDANOV, Yordan; ALEKSIEVA, Veneta; VALCHANOV, Hristo. Simulation Environment for Bluetooth Low Energy Network. *2021 International Conference Automatics and Informatics (ICAI)*, 2021, pp. 287-290. DOI: 10.1109/ICAI52893.2021.9639521.

ХЪКЪ, Айдын; ЙОРДАНОВ, Йордан. СИМУЛАЦИОННА СРЕДА ЗА ИЗУЧАВАНЕ НА BLUETOOTH LOW ENERGY ТЕХНОЛОГИЯ. Сборник доклади международна научна конференция УНИТЕХ 2021, Габрово, 19-20 ноември 2021, стр. 213-218. ISSN: 2603-378X

ХЪКЪ, Айдын; ЙОРДАНОВ, Йордан. СИМУЛАЦИОННА СРЕДА ЗА ВИЗУАЛИЗИРАНЕ НА BLUETOOTH LOW ENERGY ПАКЕТИ. Компютърни науки и технологии, година XIX, брой 1, 2021, стр. 6-14. ISSN 1312-3335

Award for Scientific Achievements – Technical University – Varna – 01.2022
Annual award of Technical University – Varna for outstanding students