


# ПРОФЕСИОНАЛНА АВТОБИОГРАФИЯ

	<b>Име:</b> ДАНИЕЛА ВЕЛЕВА МИНКОВСКА (име, презиме, фамилия)																
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<b>Образование</b> (учебно заведение, специалност, година на завършване): 21 СОУ „Христо Ботев“, София СМГ "Паисий Хилендарски", София Технически Университет - София, ФКСТ, висше-магистър инженер по Изчислителна техника, 1992 г.																	
<b>Научни степени</b> (организация, степен/звание, година на придобиване): Технически Университет – София, ФКСТ, ДОКТОР, дисертация на тема " Изследване и развитие на методично и технологично осигуряване на системи за електронно обучение – моделиране и автоматизиране на учебния процес ", 2010 г.																	
<b>Научно направление:</b> ПН 5.3 Комуникационна и компютърна техника НС: "Автоматизация на области от нематериалната сфера (медицина, просвета, административна дейност и др.)" НС: „Автоматизирани системи за обработка на информация и управление“																	
<b>Заемани длъжности</b> (през последните 5 години – организация, длъжност, година на заемане-година на напускане): ТУ – София, ЦИР, програмист и системен администратор, от 1985 до 2000 г. ТУ - София, ФКСТ, кат. ПКТ, асистент, 2000 г. ТУ - София, ФКСТ, кат. ПКТ, старши асистент, 2003 ТУ - София, ФКСТ, кат. ПКТ, главен асистент, 2005 ТУ - София, ФКСТ, кат. ПКТ, доцент, 2013 ТУ - София, ФКСТ, кат. ПКТ, професор, 2024 ТУ – София, ФКСТ, зам. Декан по УД и НПД, от 2015 до 2023 г. ТУ – София, ФКСТ, факултетен координатор по програма ERASMUS+, от 2013 до 2023 г. ТУ – София, ФКСТ, кат. ПКТ, ръководител катедра ПКТ, от 2023 г.																	
<b>Области на професионален интерес</b> (ключови думи): структурно и обектно-ориентирано програмиране, скриптов езици, информационни технологии, мултимедия, мултимедийни периферни устройства, компютърни мрежи, системи за виртуална реалност, електронно и дистанционно обучение, облачни технологии и виртуализация, изкуствен интелект.																	
<b>Членство в научни организации:</b> Съюз по автоматика и информатика																	
<b>Езици</b> (равнище на владееене 1÷5):																	
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89. Daniela Veleva Minkovska, Elena Ventseslavova Antonova, Kiril Andreev Koparanov, Plamen Ognyanov Nakov, An Approach to Investigating Plagiarism in Artificial Intelligence Content, 12th International Scientific Conference on Computer Science, COMSCI 2024, Sozopol – Proceedings, ISBN: 978-166549777-0, DOI: 10.1109/COMSCI59259.2023.10315937
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92. Berat Ujkani, Daniela Minkovska and Nikolay Hinov, Course Success Prediction and Early Identification of At-Risk Students using Explainable Artificial Intelligence, Electronics 2024, Volume 13, Issue 21, 4157, Special Issue Advanced Technologies and Applications in Computer Science and Engineering: 2nd Edition, ISSN 2079-9292, DOI: <https://doi.org/10.3390/electronics13214157>

#### **Научни разработки:**

##### **I. Участия в проекти:**

1. Международен договор 16/02, Световна банка за развитие, на тема “Система за оценяване и поддържане на качеството на обучение в Техническият университет – София СОПКО”;
2. Национален: договор И 1207/02 на МОН на тема: “Изследване, моделиране и избор на методи и технически средства за електронно обучение със CD – носители и в Internet”;
3. Вътрешен /ТУ-София/, финансиран от фонд “НИС” -договор 339 – 9/2003 г. на тема: “Изследване, избор и подготовка за използване на модели и средства за контрол и оценка качеството на обучение в общообразователния курс по информатика в ТУ-София”;
4. Вътрешен /ТУ-София/, фонд “НИС” – договор ВНИ 555-9/05 на тема “Изследване на модели и създаване на дидактически материали за контрол и оценка на качеството на обучение в два курса по Информатика в условията на Е-обучение в локална мрежа на ТУ – София и Интернет”;
5. Международен договор по LLP, Key 5, 2008, на тема : "STELLA - Science Teaching in a LifeLong Approach";
6. Национален: проект №.BG051PO001-4.3.04-0044 на МОМН на тема "Формални и неформални електронни форми за дистанционно обучение по "компютърни науки", 2012 г.
- 7.Национален проект № BG051PO001-3.1.07-0036 на МОН по ОП «РЧР» на тема „Актуализиране на учебните програми в Природо-математически факултет на ЮЗУ „Неофит Рилски“ в съответствие с изискванията на пазара на труда“, 2013-2014г.
8. Национален проект № BG051PO001-3.1.07-0036 на МОН по ОП «РЧР» на тема „Актуализиране на учебните програми в Природо-математически факултет на ЮЗУ „Неофит Рилски“ в съответствие с изискванията на пазара на труда“
9. Национален, МОН, тема: „Студентски практики“, 2016 – 2018
10. ИКТ в науката, образованието и сигурността – ИКТ в НОС
11. договор № BG05M2OP001-2.016-0008 „Иновации, Наука и Образование за високо качество и съответствие към пазара на труда в ТЕХнически университет - София и Партньори (ИННОТЕХ ПРО)
12. Национален проект на МОН, 2021 г. „НАЦИОНАЛНА ПРОГРАМА „ДИГИТАЛНА КВАЛИФИКАЦИЯ“
13. 231ИП0040-09 Метод и имплементация на компонент за идентификация на хора от дрон.

14. Национален проект N:BG16RFOP002-1.002-0384-C01 по програма „Иновации и конкурентноспособност“, на тема: „Комплексна система за анализ на състоянието на електрически електропроводи и кабелни мрежи“

15. Международен проект по програма Horizon2020 на ЕК – проект на тема: „Адаптивна, базирана на доверието система за електронно оценяване на ученето“ - TeSLA-N:688520-H2020-ICT-2015/2018

16. Международен проект по KA2 - Cooperation for Innovation and Exchange of Good Practices Strategic Partnerships for school education, ERASMUS+, на тема “Integrating E-learning and Open Educational Resources into Calssroom (iOERc)”

17. Международен, Европейският технологичен университет (European University of Technology, EUt+)

18. Международен, Еразъм+, KA2, тема: „Международно сътрудничество в областта на висшето образование за развитие на софтуерни таланти – SoftAware“

## II. Други разработки:

1. Разработен web сайт по договор И 1207/02 на МОН “Изследване, моделиране и избор на методи и технически средства за електронно обучение със CD – носители и в Internet”;


2. Модификация на интерактивни тестове за провеждане на автоматизиран контрол на знанията по “Структури в програмирането”, 2005 г. и по “Информационни технологии”, 2005 г.

## Специализации:

Гост-преподавател по програма Erasmus+ в:

1. Eastern Macedonia & Thrace Institute Of Technology, Kavala Greece – 2016, 2017, 2018
2. University of Novi Sad, Serbia – 2017
3. Democritos University of Thrace, Xanti, Greece – 2018
4. University of Ostrava, Czech Republic – 2019
5. University of Portsmouth, UK – 2022
6. University of Madrid, Spain – 2022
7. University of Genova, Italy - 2023

# CURRICULUM VITAE

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<b>Education</b> (University/High School, Faculty/Department, Course, Year of Graduation): 21 High School „Hristo Botev“, Sofia Sofia Mathematics School "Paisii Hilendarski", Sofia Master degree - Technical University of Sofia , faculty „Computer systems and technologies“, 1992 r																					
<b>Honours/Titles/Qualifications</b> (Organization, Title, Year of Award): Technical University - Sofia, FCST, DOCTOR, dissertation on "Research and development of methodical and technological provision of e-learning systems - modeling and automation of the learning process", 2010.																					
<b>Scientific Field:</b> 5.3 Communication and computer technology Science major: "Automation in non-material's sphere (medicine, education, science, management, etc.) " Science major: " Automated systems for processing and management of information"																					
<b>Previous Experience</b> (During the Last 5 Years – Organization, Position, Title, Dates): Technical University of Sofia, PhD, 2010 Technical University of Sofia, Assoc. Prof., 2013 Technical University of Sofia, Professor, 2024 Technical University of Sofia, Vice Dean, from 2015 to 2023 Technical University of Sofia, Faculty Erasmus+ coordinator, from 2013 to 2023 Technical University of Sofia, Head of department PCT, from 2023																					
<b>Major Fields of Scientific Research</b> (Keywords): structured and object-oriented programming, script languages, information technologies, multimedia, multimedia peripheral devices, computer networks, virtual reality, e-learning and distance learning, cloud computing and virtualization, artificial intelligence																					
<b>Membership in Scientific and/or Professional Institutions, Bodies, and Organizations:</b> Union of automatics and informatics																					
<b>Foreign Languages</b> (Level of Proficiency 1-5): <table border="1"><thead><tr><th>Language</th><th>Reading</th><th>Speaking</th><th>Writing</th></tr></thead><tbody><tr><td>English</td><td>5</td><td>4</td><td>5</td></tr><tr><td>Russian</td><td>5</td><td>5</td><td>5</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table>		Language	Reading	Speaking	Writing	English	5	4	5	Russian	5	5	5								
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