Jan Novák

EDUCATION

2017 - present	Ph.D.	Charles University – Faculty of Science – Biomedicine / Human genetics
2014 - 2016	Mgr. (MSc.)	Charles University – Faculty of Science – Anthropology and human genetics
2011 - 2014	Bc. (BSc.)	Charles University – Faculty of Science – General Biology

WORK EXPERIENCE

10/2020 - present	**Analyst & Consultant,** Freelance (The Czech Pirate Party, The National Institute of Mental Health Czech Republic, King's College London) · Real application of Data-Driven policy making · Statistical analysis of clinical and healthcare related data
10/2018 – 10/2020	**Research Analyst,** MSD IT Global Innovation Center – Merck Research Labs (R&D) · Co-Investigator in the RADAR-CNS project (IMI sponsored collaborative program; area: mHealth, mental health & neurology) · Conducting of systematic reviews, analysis of factors of patient engagement and preferences in clinical trial · Data analysis and algorithm development for relapse tracking (area: Major Depressive Disorder, Multiple Sclerosis, Epilepsy) · Direct collaboration with academia and industry partners: King's College London (Department of psychology) and Jannsen Pharmaceutica (R&D team in Belgium)
1/2017 - present	**Clinical Researcher**, The General University Hospital in Prague – the Clinic of Neurology · Co-Investigator in projects AZV 16-28119A (indication: Extrapyramidal and movement disorders), AZV 16- 28914A (indication: REM sleep behavior disorder) · Diagnostic of gait and motion abnormalities using accelerometers and pressure-sensitive walkway (Xsens and GAITRite)
1/2011 - 7/2018	**IT Lecturer,** Freelancer / Diplomatic Academy of Ministry of Foreign Affairs · IT & statistics lecturing and consulting (MS Office, cybersecurity and R) · Lecturing mostly for Diplomatic Academy of Ministry of Foreign Affairs of the Czech Republic, but also other institutions
9/2016 – 9/2017	**Mentee / Intern,** Bayer s.r.o. – Clinical Department

	· Long-term mentoring under Lead Monitor Jana Koublová
	· Participation in the monitoring of clinical trial (indication: Pulmonary Hypertension)

Language Skills

English	Understanding (text, voice)	Writing	Speaking
	<u>Excellent</u> (I have to read scientific literature on a day-to-day basis; my line-up manager was from the US)	<u>Excellent</u> (I can write text in English; experience with scientific writing)	<u>Very good</u> (I can explain complex problems; daily work with colleagues from the US and UK)

Skills

Lecturing	More than 6 years long experience in lecturing of IT. In the last 2 years also experience with teaching at the Faculty of Science (area: regulation of the growth, body composition analysis, and human developmental biology)
IT	Excellent command (MS Office, R, Inkscape, source management)
Statistics	Excellent command and a deep interest in this filed (R), experience with the handling of *"big data",* conducting of complex descriptive and predictive analysis, evaluation of diagnostic tools
Lab & Science	Theoretical and practical knowledge of methods of molecular biology (ELISA, RIA, PCR, etc.) Experience with scientific publishing (from both academia and industry perspective) and conducting of systematic reviews (only from industry side)
Clinical	A sensitive examination of juvenile patients as well as adult patients with severe neurological disorders Work with clinical documentation, essential knowledge of CTMS (IMPACT, RedCap) Experience with the collection and handling of clinical specimens

Trainings

2021 / 2020	· SQL Basic (MSD) & Biostatistics (MSD)
	· Good Clinical Practice (MSD)
	· Pediatric Growth Assessment (Motol University Hospital)
2019 / 2018	· Certification for clinical technicians (Charles University)
	· Epidemiological risks (The Institute for Postgraduate Medical Education)
	· Auxology, Growth hormone handling (Institute of Endocrinology)

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SIMBLETT, Sara, Faith MATCHAM, Hannah CURTIS, Ben GREER, Ashley POLHEMUS, **Jan NOVÁK**, Jose FERRAO, Peter GAMBLE, Matthew HOTOPF, Vaibhav NARAYAN, Til WYKES a REMOTE ASSESSMENT OF DISEASE AND RELAPSE – CENTRAL NERVOUS SYSTEM (RADAR-CNS) CONSORTIUM, 2020. Patients' Measurement Priorities for Remote Measurement Technologies to Aid Chronic Health Conditions: Qualitative Analysis. JMIR mHealth and uHealth [online]. 8(6), e15086. ISSN 2291-5222. Dostupné z: doi:10.2196/15086

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