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Sex Female | Date of birth 17/07/1991 | Nationality Ukraine

QUALIFICATIONS

- Interested in gamification, digital methods in education, complex informational systems, usability, eHealth
- Full stack Web Developer, but Frontend is my strong suit
- Eye to details, analytical mindset
- Creative thinking out of borders, good generator of ideas
- Great level of self-management, always in hand with new techniques

WORK EXPERIENCE

- 01.2017 - present time **Software Engineer, remote**
BeWell Innovations - Ranst, Belgium
Foundation, jQuery, CSS3, SCSS, Gulp, HTML5, Python, Flask, Node, Chart.js, PostgreSQL, Sketch
- Developing new modules for the existing web platform
 - Suggesting and building new features from scratch
 - Finding and fixing bugs, improving usability of the system
 - Creation of the design guidelines for new iOS application
- 06.2012 - 01.2017 **Self employed Web Developer**
WordPress, Magento, Vue.js, jQuery, CSS3, SCSS, Gulp, HTML5, Node, D3.js, PHP, Laravel, SQL, MongoDB
- Managing full cycle of web development process
 - Assisting in administrations
 - Negotiations with clients
- 09.2013 - 03.2014 **Engineer - Programmer of 1st category**
Department of methods of discrete optimization, mathematical modeling and analysis of complex systems
Glushkov Institute of Cybernetic of NAS of Ukraine - Kyiv, Ukraine
- Working in research team
 - Creating, testing and debugging examples of developing products
 - Making researches in ways of improvement of existing mathematical models and creating new ones
 - Working in the GRID system on Supercomputer of IC
- 09.2013 - 09.2014 **Senior Event Manager**
Zefir Event Studio - Kyiv, Ukraine
- Negotiations with clients, vendors and suppliers
 - Planning corporate events from start, project management
- 02.2012 - 01.2013 **Software Developer**
Design studio «Agata Packard» - Kyiv, Ukraine
WordPress, jQuery, CSS3, HTML5, Node, PHP, SQL, PhotoShop, Adobe Illustrator
- Development custom WordPress themes and plugins
 - Taking part in the creation of customers brand books
 - Creating presentations of developed projects, pitching to clients

EDUCATION AND TRAINING

- 09.2017 - present time **PhD student**
Department of Information Systems, Faculty of Informational Technology
Brno University of Technology - Brno, Czech Republic
- Development of serious educational games with dynamic difficulty adjustment
 - Working in research group focused on dashboards usability and aesthetics
 - Teaching and development new computer exercises for Web Development course
 - Diplomas supervision
- 09.2014 - 06.2017 **Master of Informational Systems, Engineer**
Faculty of Informational Technology
Brno University of Technology - Brno, Czech Republic
- Information system security
 - Internet applications
 - Project management
- 09.2015 - 01.2016 **Master of Industrial Sciences**
Erasmus+ exchange program for 1 semester. All courses in English
KU Leuven / Group T - Leuven, Belgium
- Internet computing
 - Human - computer Interaction

09.2012 - 02.2014 **Master of Automation, Research Engineer**

Diploma with honours

Faculty of Aerospace Technology

National Aviation University - Kyiv, Ukraine

- Automatic Resource Management
- Robotic Systems and Complexes
- Analysis and Sustainable Developing of Transport Systems

09.2012 - 02.2014 **Bachelor of Automation and Computer-Integrated Technology**

Diploma with honours

Faculty of Aerospace Technology

National Aviation University - Kyiv, Ukraine

09.2010 - 02.2014 **Certificate of finishing Institute of Innovative Technologies**

Institute of Innovative Technologies

National Aviation University - Kyiv, Ukraine

- academical program for the Candidate of Sciences of National Aviation University

09.2012 - 02.2014 **Certificate of finishing the course "Organizing of voluntary work"**

National Aviation University - Kyiv, Ukraine

- Time-management, Fund-management
- Event organization
- Communicational and presentations skills
- Managing big groups

PERSONAL SKILLS

Native languages **Ukrainian, Russian**

- Other languages**
- **English:** C1 (proficient user, TOEFL iBT 2014: score 97)
 - **Czech:** C1 (proficient user)

- Communication skills**
- Great team work (during my work and studies I took part in a lot of team projects)
 - Excellent verbal skills in business environment (gained while pitching for Agata Packard and Zefir Event Studio)
 - Intercultural communication skills (strengthened during studies in Czech Republic, Erasmus+ exchange project in Belgium, negotiation with clients from all over the world and various travels)

- Organizational / managerial skills**
- Leadership (School President, group's leader in the university (group of 31 students), starting my own web development business)
 - Good managing skills (part of the managing team of one of Ukrainian musical festivals, called "Mlynomania" (<http://mlynomaniya.org.ua/>))
 - Big organizational experience (after finishing the course "Organization of charity events" worked for 1 year as a volunteer manager of charity events in Kyiv)
 - Project management (managing projects and teams in IT sector)

- Technology stack**
- HTML5, CSS3, SCSS
 - Gulp, webpack
 - Bootstrap, Foundation
 - js, jQuery, Vue.js, Node.js
 - Python, Flask
 - SQL, PostgreSQL, MongoDB
 - WordPress
 - REST API, SPAs
- Other skills:**
- Different project management tools (Jira, Trello)
 - MathCad, MathLab
 - Adobe Creative Suite (Photoshop, Illustrator, Fireworks)
 - Sketch
 - Git

ADDITIONAL INFORMATION

- Main publications**
- Pastushenko O., Hynek J., Hruška T. (2018) *Generation of Test Samples for Construction of Dashboard Design Guidelines: Impact of Color on Layout Balance*. Trends and Advances in Information Systems and Technologies. WorldCIST'18 2018. Advances in Intelligent Systems and Computing, vol 746. Springer, Cham
 - Pastushenko O., Hruška T., Zendulka J. (2018) *Increasing students' motivation by using virtual learning environments based on gamification mechanics: Implementation and evaluation of gamified assignments for students*. TEEM'18. ACM

- Honors and awards**
- Honor Note for 2nd place in the competition of bachelor diploma thesis in National Aviation University (2012)
 - Gained scholarship for studying in Czech Republic from JCMM (2014)
 - Gained Erasmus+ scholarship (2015-2016, 2018-2019)
 - Award for the best presentation in the track «Educational Innovation» at TEEM'18 conference

- Personal profiles**
- **LinkedIn:** www.linkedin.com/in/olenapastushenko
 - **GitHub:** <https://github.com/lirael>
 - **OrcID:** <https://orcid.org/0000-0002-0388-3115>