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OLEKSII DAVYDENKO

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SKILLS

- Main languages: Python(2yrs), C++(4yrs) - Additional languages: Java, C#, SQL
- Frameworks and tools: TensorFlow, PyTorch, Tableau, Git
- Strong background in mathematics, knowledge of algorithms and data structures
- Areas of interest: Data Science, Statistics, Machine Learning, Computer Vision
- Environments: PyCharm, Visual Studio, Qt Creator, Code::Blocks, Eclipse, IntelliJ IDEA

EMPLOYMENT

Pukhov Institute for Modelling in Energy

Junior Technician

Engineering NASU

June 2016 - December 2017

- Designed and developed applications using the following technologies: C++, Python, Visual Studio.
- Created applications for construction of neural networks using scientific analysis and mathematical models.
- Had experience across full lifecycle of scientific projects in cybersecurity.
- Prepared reports and correspondence concerning project specifications, activities and status.

EDUCATION

Kyiv, Ukraine

Taras Shevchenko National University of Kyiv

Fall 2016 – Present

- Currently pursuing B.S. degree in Computer Science.
- 2014 to 2016 - Ukrainian Physics and Mathematics Lyceum (UPML) (Ukraine).
- 2005 to 2014 - Kyiv Specialized English Language School # 155 (Ukraine).

TECHNICAL EXPERIENCE

Professional Training

- **DataRoot University (2018)**. A 16-week-long course focused on data science project development. Includes 10 labs on algorithms and 2 Kaggle projects.

Personal Projects

- **Antispoofing Dataset and Classifier (2018)**. Collected a 5000-picture dataset simulating face recognition attacks. Developed a classifier based on a deep convolutional neural network that detects spoofs with 99.6% accuracy rate. Uses Python, TensorFlow and PyTorch.
- **Image Spam Filter (2016)**. A standalone spam filter that analyzes images and recognizes spam using optical character recognition. Created with Borland C++ Builder.

ADDITIONAL EXPERIENCE AND AWARDS

- **First Place, Minor Academy of Sciences of Ukraine (2016)**: Awarded 1st place diploma for Image Spam Filter project.
- **President Scholarship (2016-2017)**: Won a Ukrainian President Scholarship for successful participation in all-Ukrainian Olympiads.

Languages

- English – fluent (speaking, reading, writing) TOEFL: 115 out of 120
- Ukrainian – native language
- Russian – native language
- German – intermediate (speaking, reading, writing)