

VIACHESLAV UKOLOV

SlavaUkolov@gmail.com / @kaist.ac.kr

Cell-phone number: +38 (067) 706 25 12

OBJECTIVE

To obtain a job within my chosen field that will challenge me and allow using my education, skills and past experiences in a way that is mutually beneficial to both sides with a possibility for future growth and advancement

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, South Korea **Bachelor of Science** in Industrial Design

Aug 2016

Taras Shevchenko National University of Kyiv
Kyiv, Ukraine Faculty of Radiophysics, Electronics and Computer Systems

Sep 2010 - Aug 2011

PROFESSIONAL EXPERIENCE

Globex Post

Zdolbuniv, Ukraine

Full-Stack Developer

Jan 2020 - present

- Designed custom API system
- Prepared the system for a smooth transition from Django 1.6 to Django 3.+
- Optimized project architecture as well as database data structure
- Added new functionality, maintained and improved existing code
- Cleaned up deprecated/abundant code

Ukraine Express

Zdolbuniv, Ukraine

Full-Stack Developer

Aug 2019 - Jan 2020

- Developed a declaration management system using Django
- Embedded system API using Django Rest Framework
- Created a client for automatic document generation and printing
- Configured and maintained system server on DigitalOcean
- Assisted in creating parsers for automatic email parsing system

Freelance

Rivne, Ukraine

Full-Stack Developer

Jul 2017 - Aug 2019

- Completed multiple quantitative data researches and analysis using Python programming language
- Designed custom independent and meshed REST APIs using Django Web Framework
- Mastered home automation IoT system integrated with artificial intelligence
- Cultivated an automated Initial Coin Offering management system on blockchain technology

Microsoft, STEM Artificial Intelligence Bootcamp

Athenes, Greece

Teacher

Aug 2018

- Taught Microsoft Azure to the bootcamp participants
- Practiced using Azure services for AI development
- Integrated AI with MicroBit controller to create a smart robot

Startup (In SK Global Creative Economy Innovation)

Daejeon, South Korea

Full-Stack Developer

Aug 2016 - Jul 2017

- Conducted UX/UI research (strategy & content, wireframing & prototyping, execution & analytics)
- Partook in development of Android application
- Acquainted with machine learning algorithms for commercial and noncommercial use cases
- Configured Amazon AWS services including compute, storage, database, security, data integration, networking and content delivery, management tools

KAIST, My Design Lab

Daejeon, South Korea

Researcher

Dec 2014 - Aug 2015

- Devised "Automatized Wall Painting Drone" to implement painting works on skyscrapers
- Researched and developed high altitude painting algorithms
- Worked with 3D modeling and printing software
- Ensured Arduino based Drone-Computer communication with XBee and Python

SKILLS

- **Programming languages:** Python, JavaScript, PHP, ActionScript 3
- **Web Development:** Django, Django Rest, API, HTML, CSS, JQuery, Bootstrap
- **Web Scraping:** Selenium, BeautifulSoup, Scrapy, Urllib, LXML
- **Databases:** MySQL, SQLite, PostgreSQL
- **Machine Learning:** TensorFlow, Scikit
- **GUI:** Qt, Tkinter
- **Development:** Git, BitBucket, Linux, Ubuntu, Windows, DigitalOcean, AWS
- **Software:** Adobe Creative Cloud (Illustrator, Photoshop, In Design, Lightroom, Premiere, Dreamweaver), Autodesk Inventor, SolidWorks, AutoCAD, Keyshot, Sony Vegas Pro, Arduino IDE, Raspberry Pi, Android Studio
- **Languages:** Ukrainian (native), Russian (native), English (fluent)

REFERENCE

- Git Pages: <https://samukolov.github.io/>
- GitHub: <https://github.com/samukolov>
- LinkedIn: <https://linkedin.com/in/slavaukolov>
- Design Portfolio: <https://samukolov.github.io/assets/files/portfolio.pdf>