






# Evgenii Kolodin

Junior Developer

## Contact

-  flexible
-  kolodin.evg@gmail.com 
-  SleepyDude 

## Web Development

### Beginner

Python  
FastAPI  
AWS  
DynamoDB  
AWS-lambda  
Flask  
GitHub-actions  
Dash  
Pytest  
PostgreSQL  
HTML  
CSS

## Desktop Development

### Beginner

C++  
Python  
Qt5  
Tkinter

## Languages

Russian (*Native speaker*)  
English (*Intermediate*)

## Interests

Physics  
Monte-Carlo modelling  
Voxel technologies  
Photography  
Music

## Summary

Graduate engineer with partial PhD and master-equivalent degree looking for a junior developer position. Broke up with science activity in 2022. Haven't any commercial development experience, but have a pet-projects using Python and C++. Familiar with technologies such as Flask and Dash web frameworks, also Qt5 and tkinter libraries. Passed web-development courses on python, perl and go in 2016-2017. Looking to grow as a backend or full-stack python web developer opportunity.

## Education

### National Research Nuclear University MEPhI

Moscow, Russia

#### Specialist (master-equivalent)

Atomic Nuclear Plants: design, exploitation and decommissioning 2012 - 2018

#### Postgraduate

Nuclear power installations, including design, operation and decommissioning 2018 - 2022

## Experience

### National Research Nuclear University MEPhI

04/2018 - 08/2022

Engineer

Was doing radiation safety calculations using FLUKA and GEANT4 Monte-Carlo frameworks.

### OECD Nuclear Energy Agency (NEA)

02/2020 - 08/2020

Intern at the RWMD Scientific Secretariat

Internship in Radioactive Waste Management Committee. Contributed to the scientific conferences organisation process.

## Projects

### Space Invaders Game

09/2016 - 01/2017

Game based on Space Invaders Atari classic, made as a part of C++ development course provided by mail.ru group company.

### Phantom-Pose

01/2015 - 01/2018

Specialist diploma project. Changing pose of a human voxel model (phantom) anatomically for the radiation protection purposes.

### Turtle Translator

03/2022 - 11/2022

Application to translate english voice to russian text in real-time. It uses a bit modified speech\_recognition library with Google Speech Recognition API for recognition speech stream and MyMemory API for text translation.

### Anadet

08/2022 - 11/2022

Web application for handle and depict results from GEANT4 output .csv files using Dash plotly web framework. Part of my scientific research in nuclear physics area. Deployed with NGINX web-server and uwsgi http://koon.fvds.ru.

### OxyPar

11/2022 - 12/2022

Console application for parse proxies from various sources using scrapy python framework.

### LinkManager

01/2023 - Present

Web Application using FastAPI python framework and AWS services for creating a LinkManager endpoints.

