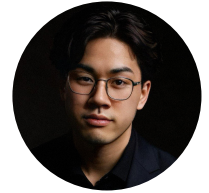


# TSOI VADIM

## Software Developer

@ tsoivadimdev@gmail.com  
in vadimtsoi

Seoul, South Korea  
ChoiVadim choivadim.com



## EXPERIENCE

### Freelance Software Developer

#### Self-Employed

March 2021 – Present

Remote

- Developed and deployed Telegram bots for task automation, demonstrating proficiency in Python, asynchronous programming, and database integration.
- Designed and implemented scalable solutions that adhere to best practices in software development.
- Worked closely with clients to deliver customized software solutions, demonstrating my ability to understand and meet client needs.

## PROJECTS

### KLAS-F (Foreign Student Academic Helper)

#### Team Project

2024

Kwangwoon University

- Developed a web application to assist foreign students in understanding graduation requirements, such as credit hours and mandatory courses, in English.
- Addressed the language barrier by providing a user-friendly interface for students to track their academic progress and plan their studies effectively.
- Collaborated with a team to design and implement the system, ensuring it met the needs of foreign students who struggle with Korean-language resources.
- Utilized React, Vite, and Tailwind CSS for the front-end to create a responsive and intuitive user interface.
- Implemented the back-end using Spring Boot and integrated MySQL for database management and Redis for caching to optimize performance.
- Containerized the application using Docker for easy deployment and scalability.
- Managed version control and collaboration using Git.

**Tech Stack:** Figma, React, Vite, Tailwind CSS, TypeScript, Spring Boot, MySQL, Redis, Docker, Git

### AI Psychologist

#### Personal Project

2023

Kwangwoon University

- Developed an AI-powered self-help app that analyzes diary entries using natural language processing (NLP).
- Designed the system to extract user emotions and provide tailored psychological insights, simulating expert psychological support.
- Optimized AI response quality using prompt engineering and sentiment analysis.
- Integrated LangChain for LLM-based application development.

**Tech Stack:** Java, Android Studio, PostgreSQL, Python, Flask, Docker, GitHub Actions, LangChain

## MOST PROUD OF



#### Academic Excellence

GPA 4.15 at Kwangwoon University with A+ grades in key courses.



#### Real-World Experience

Developed and maintained apps with real users.



#### Team Leadership

Led academic projects to consistent A+ grades.



#### Mentorship

Mentored students to achieve A+ in Python, C, and C++.



#### Problem-Solving

Solved 1,017 Codewars, 35 LeetCode, and 100 SQL tasks.

## STRENGTHS

Adaptable and Collaborative

Analytical Thinking

Problem Solver

Resilience

Agile Development

Python

JavaScript

React

LLM App Development

GIT

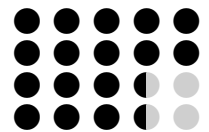
## LANGUAGES

Russian

Ukrainian

Korean

English



## EDUCATION

B.S. in Industrial and Civil Engineering

Crimea Federal University

2015 – 2019

Crimea, Ukraine

B.S. in Computer Science

Kwangwoon University

2022 – 2026

Seoul, South Korea

**Relevant Coursework:** Databases, Data Structures, Operating Systems (Linux), Algorithms.

## AI Agent (Voice Assistant)

### Personal Project

📅 2022

📍 Remote

- Built an AI voice assistant using OpenAI APIs to handle natural language queries and personalized interactions.
- Developed voice recognition, contextual understanding, and function execution capabilities.
- Integrated Arduino for hardware interaction and used a wake word detection system to optimize responsiveness.

**Tech Stack:** Python, OpenAI API, Redis, Sockets, Arduino

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## University Course Registration App

### Team Project

📅 2022

📍 Kwangwoon University

- Redesigned the existing course registration system to be more intuitive and efficient.
- Collaborated with a team of 4 developers, using Git for version control and Agile development practices.

**Tech Stack:** C++, Windows Form, Figma, Git, GitHub

**Role:** Front-end & Back-end Development