

# Senior Software Engineer

## Introduction

Voodle is building a company and products that will change the way people treat modern TV media. We are world-class startup with strong vision and passion to create software applications that "just work". Each our employee is important because each takes decisions which shape the resulting products.

## Responsibilities

The Software Engineer (further SWEngineer) will be in charge of engineering and implementation of Voodle's core (engine) functionalities launched into production. SWEngineer will be responsible for requirements analysis, research/prototype, design, and test of engine modules given requirements for interfaces, real-time performance, code and product quality, and desirable accuracy of algorithms. The Voodle algorithms will run by 24/7 linux cluster platforms. Voodle team is building systems from ground up, however, engineers are encouraged to actively explore and extract algorithms from open source projects. Voodle is monitoring/processing digital media information and SWEngineer should feel comfortable with video, audio, text and other sort of stream processing.

The released production environment of Voodle will process millions of hours of TV media content and will be based on best practices of global internet applications.

## Specific responsibilities

- Prototype, develop, test, and debug C/C++ (and sometimes Java) core modules (including video, OCR, audio processing)

## Compulsory skills

- 4+ years of C/C++ (production) development
- experience in software design, code re-engineering, and software patterns usage
- experience in working/interfacing with images/graphics, video or audio
- strong mathematical background
- development for both Linux and Windows environment
- CVS/SVN experience
- code reviewing and development of artifacts of SW development lifecycle
- good spoken and satisfactory written English

## Additional Skills

Successful candidates should possess one or several of such skills (in order of importance):

- research experience in image/signal processing or recognition algorithms
- ability of rapid algorithms prototyping
- development of real-time code
- experience with one of OCR engines
- Java knowledge and experience
- test planning and execution

## Personal attributes

- Action and result oriented
- Team player
- Ability to effectively work in startup environment

## Educational requirements

MS/BS degree. Credit will be given to candidates who have work experience with computationally intensive systems or complicated math algorithms.

## Liabilities

In the course of the fulfillment of his/her obligations, the employee must comply with corporate ethics and policies (e.g. accountability for all property entrusted by the Company). The employee shall also bear non-property responsibility for his obligations to be performed in due time and quality.

## Rights

In addition to the rights assigned to a person in accordance with legislation in force, the SWEngineer shall have:

- Access to Company's confidential information according to company security policy and respective documents

## Location and Communication

The position is located in Voodle development office in Kyiv, Ukraine.