Personality

# task 32

Courses you liked

I had few courses about Web Development. Web technologies were the most interesting and excited because you developed big systems with many components for data processing and exchange.

Also I liked Algorithms and Data Structures courses. Those courses shown how data could be processed efficiently and how to resolve complicated problems.

The third courses that I liked were connected with Architecture Design. I learned how to split systems to the parts properly, how to connect them, how to organize interaction with other systems and with users.

# Task 33

Instance in your life

It was my 2nd year in the university. I had a task in the university library. I needed to enter bibliographical data from PDF files into the web system. It was a very boring copy-paste work because there were more than 500 files.

I didn’t want to spend a lot of my time for this. I decided to automate my work as much as possible. I created a simple portable application that converted data from PDF file to the format of web system.

I finished my task very fast. I also shared this app with staff in the library. I was awarded by my university a few months later for that.

# Task 34

Ideal working environment

Well I see it like huge room with tall windows. It should be some beautiful view throw them like lake, forest or mountains. It gives extra imagination and desire to create.

There are should be many busy people around. It could be some classic music on background. This crates correct working atmosphere.

It would be great to have workplace near the window and far from the door. And I would like to have comfortable soft black chair.

It would be nice to have powerful laptop instead of desktop computer. It gives you mobility and increases your performance. It should be 23'' monitor there.

# task 35

Are you smart?

I would say – yes. I have Master Degree in Computer Science. I have few scientific publications. My diploma work took the 3rd place in Ukrainian Competition of Students’ Scientific Works. I wrote technical articles in my company blog. Employers form other projects ask me very often about some advices or technical solutions.

# task 36

Question on the project listed in CV

The last my project is designed for sending advertisements to users. Each advertising gives discount or special offer.

The project has been developing for a year before its’ first public release. I was the only developer on this project most of the time. I’ve designed an architecture and developed client and server sides. The server side is based on .Net technologies and Azure services. The client side is represented by Single Page App (SPA), Android and iOS apps.

As main communication technology between server and client SignalR is used. It allows bi-directional communication (both server and client can send messages to each other). Web API is used for account operations (registration, login, logout, password reset, etc.).

The server side it based on ASP.NET. Entity Framework is used as ORM. Ninject is used as dependency injection framework.

SPA is based on Durandal framework. It uses KnockoutJS as MVVM framework and RequireJS for Asynchronous Module Definition (AMD). Also Durandal has capabilities for handling Navigation and Page Lifecycle. To simplify development instead of JavaScript used Typescript.

The Android and iOS apps are developed with Xamarin framework. It allows to develop native apps for Android, iOS and Windows Phone platforms with .Net framework. You can share the business layer between all platforms but presentation layer have to be developed individually for each platform.

# task 37

Expectation from the job

There should be challenges: complex algorithms, performance and scalability. I would like to use top of the art technologies. It should be available professional growth. I want to have professional and friendly team.