

CV Attachment #2 – Engineering part of my background

In this document, I would like to summarize the largest achievements in the parts of my life and career that may be considered as mainly related to engineering. This period of life and career has been “closed” in 2005th year but it is still important for some employers; that’s why I described it in details with all required clarifications. (I do not consider my current professional activity in development of large web-based projects as “real engineering” because there is no direct work with hardware and no higher mathematics.)

2000th – 2005th, several periods of in-office employment in different companies in Russia

During this period of time, I tried to start working in IT businesses with basic practical skillset obtained in university studies. As a result of family circumstances and minimal practical qualification, I had a chance to deal with almost all kinds of problems that may happen in IT businesses. The largest team project I participated in took about 9 months of full-time work. Technologies used for software development: C++, SQL Server, Active Directory, Win32 API, multithreading, MFC, CryptoAPI, Java (Swing, JDBC, JNI), Windows server. Also, in 2004th year, MCSD.NET certificates in C# and SQL Server have been obtained.

1995th – 2001st, MS in Computer Science (equivalent), Kazan State Technical University

This local university has been chosen by me because Internet was not widespread yet in provincial Russia at that time, and it was difficult for me to adapt my deep interests in exotic social sciences, exotic biology, and arts to Russian reality of that historical period. Also, some family circumstances influenced the choice. The most part of official studies in this university included higher mathematics subjects and general technical subjects. IT-related part of studies was outdated and taught rather formally; software development was studied by myself later in my free time after I have graduated from this university already.

1985th – 1995th, graduated from high school with a certificate of excellence

It was a standard provincial school where you could meet anybody on the same floor. There is no ethnic segregation in Russian cities, and the social segregation is rather weak too; it was even less when I was a kid. In Russian schools of that historical period the maximum attention was given to teaching mathematics and natural sciences. Humanities were taught rather formally in a perfunctory manner, sports was considered as optional subject de facto. However, parts of the educational program in mathematics and natural sciences in high schools were equivalent to the entry level of educational programs in mass American/European colleges/universities in these fields. Also, I had low grades in sports at that time. (I started active sportive training later, about getting 16-18 years old. In Russia, graduation from high school is made after getting 16 years old, then kids continue studies in universities.) So, the certificate of excellence given to me is not completely “honest” (as everything in Russian public life of 1990’s, and it is not my fault, as you can guess). To explain completely the role of school in my education I also need to say that in fact I passed all school program independently at home in the beginning of each year of studies, and then just got fun or read unrelated books at lessons.