

## Araz Abishov Vladim

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## Personal statement

Currently I am doing my 4th year of bachelor's degree in computer science at Azerbaijan State Oil Academy. My main passion is everything related to contemporary technology, in particular development of mobile applications for platforms like Android. As a member of Association for Computing Machinery (ACM) I am doing my best in learning fundamentals of computer science and trying always to be on cutting edge of modern technology. Most of my spare time I am involved in contributing to "District Health Information System" open source community not only because of gaining experience in working with team, but also because of opportunity to create software which will help other people to do their work better.

## Education

**2011-Present: Azerbaijan State Oil Academy** (Full-time)

Bachelor's degree in Computer Science

**2000-2011: Public Secondary school №145**

School leaving certificate

**Online courses:**

**2012-2013: Massachusetts Institute of Technology**

6.00x Introduction to computer programming in Python

**2013: Princeton University**

Algorithms and Data Structures: Part I & II

## Skills

Good understanding of REST architecture and main principles of building robust mobile applications.

Advanced knowledge of: Java, Android SDK, Python, Django Framework.

Minor experience with: C#, C

## Work/Other experience

- **Developer of BakuMovies server side and client applications.**

Tools: Python, Android API, REST, JSON

BakuMovies is an Android application which allows users to get schedule and additional information about movies from all Baku Cinemas. The back-end (server side) part of application was written in plain Python as simple CGI scripts. These scripts are supposed to parse data from cinemas' web sites, and arrange it in the form (JSON) which mobile app can use. The android client was implemented by means of standard APIs and Java. *(Project is not supported any longer)*

- **Software developer of android application at Google Summer of Code 2013**

Tools: Java, Android API, SQLite database, JSON.

Project page: <http://bit.ly/1k4CQ1y>

Application: <http://bit.ly/1hkJiSy>

In terms of Google Summer of Code in 2013 I was responsible for implementation of android application for District Health Information System which was developed by University of Oslo. The main goal of this project was to bring core functionality of server side software to mobile users, enabling them to enter data and modify personal details. The project was successfully completed and now is being used all over the world.

- **Software developer of android application at Google Summer of Code 2014**

Tools: Java, Android API, SQLite database, JSON, Google Analytics.

Project page: <http://bit.ly/1nER9ht>

DHIS2 provides a lot of facilities for collecting and analyzing data. In GSoC 2013, my goal was to implement basic reporting tool, which enabled users to aggregate reports and create anonymous events. In this project, my aim is to utilize other facilities of DHIS2 Web API like support of messaging among DHIS2 users, standard dashboard, interpretations and finally tracking functionality.

- **Winner of local ACM Collegiate Programming Contest 2013.**

Tools: .NET in conjunction with C#.

- **Software developer of server side and android client applications at FoodLook.**

Tools: Python, Django, Java, Android, SQLite, PostgreSQL, Elasticsearch, OAuth2, REST.

FoodLook project is aimed to help users to get information about local restaurants and food through mobile devices. My goal at FoodLook is to build server side application by using Django framework which will provide access to data for mobile apps through REST API. Moreover, I am also responsible for development of android client application.

- **Internship at Information and Computing Center of the Ministry of Communications of Azerbaijan.**

Main goal of this internship is to allow students to gain understanding of how data is being collected, stored and processed on the level of country. My responsibility as intern was to analyze incoming/outgoing traffic of mobile calls in order to find issues in network and report about them.

## **Additional Information**

Languages: Russian (Native), Azerbaijani (Fluent), English (Fluent) – IELTS score 7.5