

Alper Gundogdu

Computer Scientist

mail@alpergundogdu.com

Education

B.Sc. in Computer Engineering, cGPA: 3.35

2011 - 2015

Bilkent University, Turkey

Work Experience

Software Engineer

Google

Sep, 2016 - Present

London, United Kingdom

Front-end Software Engineer

Anvato Inc.

August, 2015 - July, 2016

Ankara, Turkey

VoIP Security Engineer Intern

NETAŞ Telecom Inc.

Summer, 2014

Istanbul, Turkey

Implemented a statistics module in C++ that gets sample data from a network capturing system and exports the aggregated data to a remote database server with an interval and a test module that compares the expected values and distributions to the observed ones using statistical test methods. Modules will be used in a VoIP firewall to detect intrusions and network anomalies.

Web Developer

Sinaps Inc.

Jul, 2012 - Aug, 2013

Ankara, Turkey

Designed databases, MVC systems and complex SQL queries like friend suggestions and newsfeed collection. Took place in both backend and frontend development of Anlatsin (<https://anlatsin.com>) project.

Honors & Awards

4th Rank, DefCamp Capture The Flag Competition (D-CTF)

CCSIR Cyber Security Research Center from Romania

Nov, 2014

Bucharest, Romania

2nd Rank, National Cyber Security Competition (Siber Meydan)

The Scientific and Technological Research Council of Turkey

Dec, 2013

Istanbul, Turkey

1st Rank, Regional Olympiad in Informatics

The Scientific and Technological Research Council of Turkey

May, 2010

Izmir, Turkey

Bronze Medal, National Olympiad in Informatics

The Scientific and Technological Research Council of Turkey

Dec, 2009

Ankara, Turkey

Silver Medal, National Project Olympiad in Informatics

The Scientific and Technological Research Council of Turkey

May, 2009

Ankara, Turkey

Gold Medal, International Computer Project Olympiad

Turkmenistan Ministry of Education

Nov, 2008

Ashgabat, Turkmenistan

Selected Projects

CoinAMI

Sep, 2014 - Jun, 2015

Related Skills: Software Architecture, Project Management

A Cryptocurrency that uses DNA sequence alignment problem as its proof-of-work. I was the project manager of the team and worked on software & database architecture and implementation of a web service. The project was a Senior Design Project and it was also presented in HiTSeq conference in Dublin, Ireland. More info can be found at project's website <http://coinami.github.io>

Eyeon

Jun, 2013 - Sep, 2014

Related Skills: iOS Development, Web Development

A mobile application where you can receive notifications from a person's multiple social accounts. Project was abandoned due to some significant changes in Facebook, Twitter and Foursquare APIs after the release of the application.

GenoScope

May, 2012

Related Skills: Java Development, Object-Oriented Software Design

A visualizer tool for genomic annotation data, it supports different official and academical data-types for different statistical information about genetics. It also has a github repository at <https://github.com/alimg/parasight>

Smart Paper

Dec, 2008 - May, 2009

Related Skills: C++ Development, Computer Vision

A program that allows user to use a paper and a pen as a touchpad or touch screen. Program gets input from a webcam and detects the paper automatically. Awarded a silver medal at National Project Olympiad held by TUBITAK. A detailed video about it can be found at <http://youtu.be/rBIZmNAtGXw>

Height Control

Nov - Dec, 2008

Related Skills: C++ Development, Computer Vision

A program that measures height through webcam. Awarded a Gold Medal at International Computer Project Olympiad in Turkmenistan.

Technical Skills

Languages: C/C++, Java, R, Python, PHP, Objective-C

Areas: Windows/Linux, Mobile Development (Android/iOS), Web Development, Data Analysis, Computer Vision, Cyber Security

3rd Party: PostgreSQL, MongoDB, Flask, CodeIgniter, OAuth, Hadoop, OpenCV

Interests

E-Books, Technology, Squash, Card games, Online games