

Alper Ozaydin

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EDUCATION

University of Konstanz, Baden-Württemberg, Germany

October 2016 - Present

Computer and Information Science, Master of Science

Binghamton University, State University of New York, USA

May 2016

Bachelor of Science, CS/Information Systems, Dual Diploma Program

Istanbul Technical University, Istanbul, Turkey

May 2016

Bachelor of Science, Information Systems Engineering, Dual Diploma Program

PROFESSIONAL EXPERIENCE

Kopernik Observatory & Science Center

Senior Project, Part-time | Binghamton, NY, USA, **October 2015 - May 2016**

- Experienced Ionic Framework and Apache Cordova
- Developed a hybrid mobile application for the science center by using Angular JS

Exagate Information Technology and Services

Internship | Istanbul, Turkey, **June 2015**

- Used C# and designed a basic website by using ASP.NET
- Implemented some features on the company's current website

Odakent AR-GE Ltd.

Internship | Istanbul, Turkey, **January 2015**

- Experienced Postgre SQL and constructed a database
- Performed SQL Scripts and implemented specific functions and triggers
- Devised a basic map by using QGIS technology

PROJECTS

JavaScript Developer

Konstanz, Germany, **October 2016 – February 2017**

- Used D3.js JavaScript library to build up dynamic and interactive data visualizations in browsers

Eye-Tracking Experiment

Konstanz, Germany, **October 2016 – March 2017**

- Used “SMI RED250mobile Eye-Tracker” device & “BeGaze” software and performed an eye tracking experiment which is a part of the Eye Tracking: Theory and Practice course
- Proved and approved the hypothesis which is “Native English speakers’ and non-native English speakers’ means of fixation time are different, therefore their performance will be different.” by using ANOVA statistical method

iOS Developer

Istanbul, Turkey, **July – September 2016**

- Designed and developed “Is It Prime?”, “Learn German” and “To Do List” apps using Xcode 7 for iOS9 by using Swift
- Designed and built “The Weather” app which acquires the current weather from a forecast website and shows to the user
- Designed and developed “Tic Tac Toe” game for iPhone by using Swift

Rolling Balls in Unity 3D

Binghamton, NY, USA, **May 2016**

- Integrated and developed basic “Rolling Balls” project by using C# in Unity 3D

Project Management

Binghamton, NY, USA, **February – May 2016**

- Learned project management components and experienced how to prepare project charters, reports, tables, flowcharts, schedules, work-break-down structures and etc.
- Created project charter and stakeholder documents with a group of three
- Produced interactive Gantt chart by using Microsoft Project

Text Editor

Binghamton, NY, USA, **November – December 2015**

- Used C# and designed a text editor that operates on lines of text as a program-code editor using WPF

Website Development

Istanbul, Turkey, **February – May 2015**

- Learned how to use NetBeans and apache tomcat
- Created a database in NetBeans, and used Java, HTML, CSS, JavaScript, JavaDB, SQL
- Designed and built an e-commerce website which sells electronic devices for mobile phones

Arduino Programmer

Binghamton, NY, USA, **November – December 2014**

- Programmed open source electronics platform to play musical songs through 8-ohm speaker

TECHNICAL SKILLS

Programming Languages:

Most experienced with C/C++, C#, Angular JS, Swift, HTML/CSS, JavaScript

Some experience with Python, Java, SQL

Dabbled in R, Ruby, Assembly, MATLAB

Computer Skills: Visual Studio, Xcode, NetBeans, Sublime 2, Git, Wireshark, Unix, PostgreSQL, Unity 3D, Microsoft Office, Windows, Mac OS, Linux

Relevant Courses: Probability with Statistics Methods, Software Engineering, IT Systems Analysis and Design, Numerical Methods, Project Management, Data Mining, Artificial Intelligence & Expert Systems, Enterprise Network Security, Windows Programming, Design Patterns, WEB-Design & Management Tools, Eye Tracking: Theory and Practice