

Serhat Çillidağ

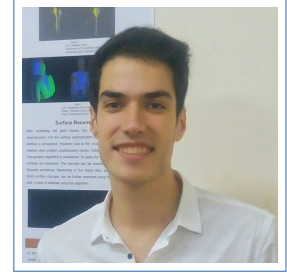
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Education

2012–2017 **B.S, Izmir Institute of Technology, Izmir, .**
Electronics and Communications Engineering

2013–2014 **B.S, Management Center Innsbruck, Innsbruck, .**
Mechatronics - Studied as an Erasmus student

Bachelor thesis

title *Full 3D Model Reconstruction Using Multiple Kinects*
supervisors Assoc. Prof. Dr. Şevket Gümüştekin
description In this project, I have created real-time 3D mesh and video capturing software using 4 Kinects. I have worked with various C++ libraries including Boost, OpenGL, Point Cloud Library, LibSSH and OpenMP.

Experience

Vocational

2017 – now **Software Engineer, Sony, Istanbul.**
Worked as a front-end developer.

Achievements:

- TBA
- TBA
- TBA

2015 **Intern, Vodafone Turkey, Izmir.**
(3 months) Worked with transmission team.

Achievements:

- Managing and doing maintenance of the installed Base Station Controllers(BSC)
- Syncing projects over the cloud and updating with Google Earth to make easier planning.
- A lot of small tasks with MS Excel and financial work by using a small tool developed in the company.

2014 **Intern, Schneider Electric, Izmir.**
(1 month) Worked with project design team.

Achievements:

- Low Voltage panel designing with the Project design team.
- Made a small tool to bring up appropriate reference designs based on customer needs.

2013–2014 **Volunteer Engineer**, *DVLX (Design Vision Labs)*, Izmir.

Worked here on my free time.

Achievements:

- Designing and making small PCB projects
- Learning about ARM programming

Programming Languages

Strong: **C/C++, JavaScript(React.js, Node.js), Java, CSS/HTML, MATLAB**

Familiar: **Scala, Python, Shell, SQL (MariaDB, MySQL), NoSQL(MongoDB)**

Certifications: Functional Programming in Scala by Martin Odersky on Coursera

Software and General Knowledge

- Version Control (Git, SVN)
- Automated Testing, Unit, Integration Testing
- Various IDE's, IntelliJ, Eclipse, Visual Studio, vim – tmux
- Unix/Linux operating systems management (Debian – CentOS based)
- Agile Project Management, Continuous Integration

Projects

Available at github.com/aeroith

2017 **BookStrap**, *A lightweight open source e-book web application* .

In this project, I created a web application to parse, store and serve electronic books directly to the ebook reader. Primarily written in JavaScript (MongoDB, Express, React, Node). (Demo available at: <https://bookstrap.ga>)

2017 **Epub-metadata-parser**, *A smart and modular ebook parser*.

In this module, I created an ebook parser which can extract metadata and cover images (if available) from epub files. I mainly created it in order to use in BookStrap project but made it as a module so anyone can use it.

2014 **Designing a low-cost Arduino under \$2** .

In this project, I made myself familiarized with PCB design and production including low level C implementation on the Arm chips.

Languages

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|-------------------------|-----------------------|
| ◦ Turkish – Native | ◦ English – Advanced |
| ◦ German – Intermediate | ◦ Japanese – Beginner |

Interests

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|---------------------|--------------------------|
| ◦ Skiing, Swimming | ◦ Learning New Languages |
| ◦ Hobby Electronics | ◦ Travelling |

Personal Traits

Open-minded, team player, continuous self-improvement, flexible, energetic, analytical thinker.

References

Available upon request