

Curriculum Vitae

PERSONAL DETAILS

Surname / Family Name	Ozduman
First name	Haluk
Address (street, number)	Fabricsstrasse-1.
Postal/Zip code, City	10589, Berlin
Country	Germany
Nationality	Turkish
Work permit	Permanent Residence (Unlimited work permit in Germany)
Telephone (mobile)	+49 0176 28130514
Email address	halukozduman@gmail.com
Date & Place of Birth	25.07.1988 Bursa / Turkey
Gender (M/F)	Male



EDUCATION

Master

University:	University of Saarland, <i>Saarbrücken, Germany</i>
Name of program:	MSc. Computer Science
Start date:	01.10.2012
Date of graduation:	01.09.2014
Degree:	Good

Bachelor

University:	Sabanci University, <i>Istanbul, Turkey</i>
Name of program:	Electronics Engineering
Start date:	20.09.2006
Date of graduation:	25.06.2011
Degree:	Good

WORK EXPERIENCE

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|-------------------------|--|
| 01.09.2014 - Today | GT-ARC GmbH , TU-Berlin, Germany
<i>Researcher & Software Developer</i> , <ul style="list-style-type: none">- Backend and frontend web development with Java, Angular JS.- Data collection from Network with Big Data Tools (Storm, Mongo DB).- Network analysis with machine learning techniques, visualize the analysis results with web technologies. |
| 01.04.2013 - 15.08.2014 | AbsInt Angewandte Informatik GmbH , Saarbrücken, Germany
<i>Master Thesis Student</i> , <ul style="list-style-type: none">- Development of software for intelligent systems, and tools for validation, verification and certification of safety-critical software.- Apply program slicing method to analyze and visualize structures of programs. |
| 01.08.2010 - 01.07.2012 | Abdtech Software Company , Istanbul, Turkey
<i>Software Developer</i> , <ul style="list-style-type: none">- Development of ERP solutions with Java and web technologies. |
| 15.06.2010 - 01.09.2010 | Malardalen University-RobotDalen Research Center , Vasteras, Sweden
<i>Internship</i> , <ul style="list-style-type: none">- Development of GUI application for ABB robots.-Supported for 3 months from European Councils, Erasmus Mundus Internship Scholars. |

PROJECTS

- **BMBF Security Project:** Develop security analysis to detect anomalies in a network. This project is implemented with Big Data technologies and Java technologies. Aim of the project is to detect zero day attacks, listen online network, eliminate possible attacks and visualize the analysis results. For this project, a vulnerability database is implemented to store possible vulnerability descriptions, conditions and effects. A web user interface is developed to visualize network topologies and activities. This project is supported by BMBF (Germany Education and Science Ministry).
- **Smart Home Project:** Develop hardware and software for smart home application which can provide automatic detection and installation between home devices. This project is implemented with arduino microprocessors and Java programming language in DFKI GmbH.
- **Smart Presentation Room Project:** Develop a software application to control beamers, light and sound controllers and other devices in presentation room with mobile devices. This project is implemented with Java programming language in DFKI GmbH.
- **Program Slicing for Value Analysis:** Value analysis determines invariants for the values in registers and memory cells in embedded systems. Program slicing was implemented for the value analysis and provides automatic and safe trace mechanism in embedded applications. This project is implemented as my master thesis in AbsInt GmbH.

LANGUAGE SKILLS

- Turkish (native),
- English (C1),
- German (B2).

TECHNICAL SKILLS

- Java, C++, PHP 7.
- JavaScript, J-Query, Ajax, Angular JS.
- HTML5, CSS3, Bootstrap, SASS, Jekyll.
- Tomcat, Xampp.
- MySQL, Mongo DB, Apache Strom.
- Maven, OSGi, Bower
- Eclipse & Netbeans.
- Junit Test, Karma.
- Git, SVN, Scrum.
- Microsoft Office Programs.
- Matlab.

PORTFOLIO & SOCIAL MEDIA

- **Portfolio website:** <https://halukoz.github.io/resumesite/>
- **Github account:** <https://github.com/halukoz>
- **Linkedin account:** <https://de.linkedin.com/in/halukoz>

AWARDS, SCHOLORSHIPS, ACHIVEMENTS

Sabanci University honor scholarship 2006-2011

- 750th among 1.7 million people in the University Entrance Exams.

Sabanci University working scholarship for Academic Support projects.

- 4 years assistance working scholarship

Sabanci University Dean's List

- 6 terms High Honor certificate, 2 terms Honor certificate.
- Erasmus Mundus Summer Intern Scholarships.

MEMBERSHIP

Member of AIESEC Saarbrücken.

Member of Sabanci University Economy and Management Club.

Member of Sabanci University Academic Support Project.

REFERENCES

Dr. Christian Ferdinand,
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