

ORHUN SUEZER

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EDUCATION

09.2011 – 06.2014

Stuttgart University, Stuttgart, Germany

M.Sc. International Information Technology Programme (1.80/1.00–Good)
Embedded Systems Engineering Major

09.2006 – 06.2011

Istanbul Technical University, Istanbul, Turkey

B.Sc. Electronics Engineering (3.10/4.00 – Dean's Honor Degree)
Embedded Systems and Hardware Development

03.2010 – 09.2010

Ruhr University of Bochum, Bochum, Germany (Exchange Semester)

Department of Electrical Engineering and Information Sciences (3.20/4.00)
European Union Lifelong Learning Programme Scholarship

EXPERIENCES

08.2019 – Present

Independent Consultant based in Stuttgart, Germany

ISO/SAE 21434 Certified Cybersecurity Expert
intacs Automotive SPICE™ Provisional Assessor (2021)
Security, PMI and Agile Project Management Projects and Trainer
Variety of projects with worldwide premium OEMs, Tier1s and Tier2s
e.g., Marquardt, Panasonic, Veoneer, Cymotive, Cyres, Ferchau, BMW, Ford, VW

Selection of activities from ongoing projects

Creation of UNECE WP.29 Work Products for legacy platforms/products
Risk analysis and security concepts for vehicle specific components or systems
Definition of risk reduction controls & re-evaluation of corresponding risk levels
Creation of security concepts to achieve acceptable risk levels
Analysis of in-car communication matrices for different Security properties
Ensuring consistency between individual work products and enterprise level
CySec processes, templates, catalogues
Support to supplier management for CySec activities e.g., CySec DIA & monitoring
Preparation/execution and support for joint reviews of CySec Work Products,
Design Review activities with Func. or CySec experts on customer or supplier side

02.2016 – 07.2019

Consultant, Vector Consulting Services, Stuttgart, Germany

Automotive Cybersecurity

Execution of number of Product Security Assessments in OEMs & Tier-1s
Creation and implementation of product **security concept** and **strategy**
Committee Member **ISO/SAE 21434 Standard**: Road Vehicles Cybersecurity
Variety of coordination roles in **Connected Car** Project Teams in areas such as:
Security, Over the Air Update, Infotainment, E2E Connectivity

Interim Management (e.g. in Testing, Development, Supplier Management)

Interim test management for international test & development teams
Definition and rollout of test strategy including bottom up test levels and teams
Supplier Lifecycle Management, Creation of templates incl. SQA, SIA etc.

Trainer, Coach & Moderator

Main Trainer for the following trainings in Vector Consulting Services:
Automotive Cybersecurity, Defensive Coding and IREB - RE Agile@Primer
Moderated number of different workshops with premium OEMs and Tier-1s
Coaching number of teams from premium OEMs and Tier-1s in the areas of:
Agile Practices (based on Scrum & Kanban) in SW Development
Test Strategy definition and organizational roll-out
End2End Connectivity, Cybersecurity, Agile Testing in remote teams

Co-Product Owner – COMPASS – Comprehensive Assessment Tool

Maintenance of product backlog based on customer and internal workshops
Elicitation and prioritization of new or awaiting requirements/requests
Conceptual and MVP based extension of COMPASS feature set
Coordination of implementation, testing and release processes

07.2014 – 02.2016 **Project Manager, Gemalto GmbH, Stuttgart Region, Germany**
Project Manager and Consultant for premium Banks & Payment Institutions
Responsibility for key account projects from after-sales until delivery
When needed: Technical Consultancy, Pre-Sales support Change Management
Coordination of internationally distributed project teams for Payment Systems
(e.g. Development, Prototyping, Order Management and Production Teams)

04.2013 – 11.2013 **Long term intern, Airbus Operations, Hamburg, Germany**
Engineering Project Management intern for A380 Environmental Control Sys.
Support to Engineering Project Manager in project budget, quality and time plan
Support regular international program coordination meetings
Statistical analysis of A380 low pressure fan overheat problems
Quality history and operational reliability analysis of on-the-field aircrafts
Inspection of extreme flight conditions effects on fan electronics

LANGUAGES

- English (Adv.) – German (Adv.) – Russian (Beg.) – Sign Language TR (Adv.) – Turkish (Ntv)

CERTIFICATES

- intacs Automotive SPICE™ Provisional Assessor (2021)
- TÜV Nord Certified ISO/SAE 21434 Cybersecurity Engineer (2020)
- Carnegie Mellon University Cyber Security Professional Certificate (Ongoing)
- ISTQB Certified Agile Tester – Agile Extension, Certificate Number: 118543
- ISTQB Certified Tester – FD Level 11, Certificate Number: 34537
- IREB Certified Requirements Engineering Professional - RE@Agile – Primer
- PMI Project Management Certificate of Achievement - TechnoBee Academy

STRENGTHS

- Strong technical background in Embedded & Cyberphysical Systems/Standards ISO21434/ISO26262/J3061
- Project Management skillset (Agile and Classic) & Consulting experience in automotive, fintech and aviation
- Experience in managing number of Workshops, Trainings and Coaching of international teams
- Continuously participation to international conferences, contests, fairs as exhibitor, speaker or audience

SKILLS

- Agile Project Management skills with industrial experience incl. Kanban+Scrum
- Embedded Programming with C/C++, PICC, Assembly, Python, MATLAB, CUDA
- Web Development with Django and CherryPy Frameworks based on Python
- Digital Design VHDL/Verilog HDL on Xilinx FPGAs
- Advanced internet and Office applications (with VBA, Shell Script) on Windows & Linux

PUBLICATIONS

- **ELECO'11 7th Int. Conf. on Electrical/Electronics Engineering: Suezzer O., et.al.:** 2011, Bursa, Turkey:
“A practical authentication method of FPGA designs suitable for mass production”
- **NATO-AFCEA 4th Student Conference on “People, Projects, Perceptions Social Networking”:**
Suezzer O., Tuefekci G., 2012, Prague, Czech Republic:
“A Social Network Approach to Initiate University Industry Collaboration Opportunities”

PRIZES

- “Stuttgart Veränderer” – Projekt 4G - Inklusion für 4 Generationen, Funding by Daimler AG/DTF, 2019
- ARI Technopark, “ARI Cekirdek” Entrepreneurship Contest Finalist, Office and Funding Prize, 2012
- Chamber of Electrical Engineers, 2nd Best Bachelor Project with university-industry collaboration, 2011
- Ozyegin University, Turkey, 2010, “Bir Fikrin mi Var” Entrepreneurship Contest Finalist, Turkey, 2010
- Scientific and Tech. Research Council, Formula G Solar Car Race, 1st and 2nd places both in 2007 and 2008

SOCIAL ENGAGEMENT & ACTIVITIES

- KSI Kultur und Sozial Initiative e.V. Stuttgart, Member, 2017-...
- DTF Deutsch Türkisches Forum e.V. Stuttgart, Member, 2017-...
- Verein Deutscher Ingenieure, Member, 2015-...
- DTB - Deutsche Türkische Brücke, Management Board Member, 2014-2016
- Fachschaft Infotech - Infotech Student Organization, Advisory Board Member, 2013-2016
- STÖB - Stuttgart Türkische Studenten Verein, Board Member, 2013-2016
- Students' Innovation and Entrepreneurship Centre of Istanbul, Board Member, 2011
- IEEE ITU Branch Membership & Lab Works 2007 - 2011
- ITU Solar Car Team Electrical Group Member, 2006 -2009
- Control and Automation Society Board Member, 2007 - 2009
- Istanbul Technical University Robotic Olympics Organization Coordinator, 2008

REFERENCES

Professional

- Dr. Oliver Plan, Vector Consulting Services, Manager - Supervisor
Vector Consulting Services GmbH, Ingersheimerstr 20, 70499, Stuttgart, 0049(0) 1525 6707 492
- Jens BAUDER, Gemalto GmbH, Subregional Manager for Central Europe – Supervisor
Gemalto GmbH, Mercedesstraße 13, 70794 Filderstadt, 0049(0) 7158 185 259
- Dr. Berkun ÇULHA, Dr. Çulha & Partner Consulting, General Manager - Supervisor
Dr. Culha &Partner Consulting, Libanonstrs.85, 70186, STUTTGART, 0049(0) 172 8912 592

Academic

- Prof. Dr. Christof Ebert, Professor at Stuttgart University/General Manager at Vector Consulting Services
Indust. Automation and SW Eng. Institute, Pfaffenwaldring 47, 70550 Stuttgart, 0049(0) 174 966 07 19
- Prof. Dr. Müstak E. YALCIN - Embedded Systems Design Laboratory, Director
ITU Ayazaga Campus, Electronics Faculty, Room 2304, Maslak, ISTANBUL – 0090(0) 212 285 3612

If desired, number of other professional & academic references on specific topics and projects can be provided