Alican Erdoğan

Citizenship : Turkish

Date of birth : 22 October 1989

Place of birth : Salihli, TURKEY

Contact

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Education

September 2013	**Advanced C++ Training**	
	Robert Allan Schwartz	
2007 to 2012	**Electrical and Electronics Engineering B.Sc. (CGPA: 2.96)**	
	Middle East Technical University, Ankara, TURKEY	
2005 to 2007	**Private Tuncsiper High School (Top Scoring Student)**	
	Bursa, TURKEY	
2003 to 2005	**Bilecik Science High School**	
	Bilecik, TURKEY	
2007	**TOMER Ankara University German Language Course**	
	Ankara, TURKEY	

Key Skills

Concepts and Fields	Object Oriented Programming, WPF, MVVM, Design Patterns, Real Time Operating Systems, Test Driven Development, Behavior Driven Development, Script-Based Test Automation, Black Box Testing, MIL-STD-1553, MIL-STD-1760, CAN, Model Driven Development, UML, Ruby on Rails
Programming Languages	C++ (Advanced), C#(Advanced), Visual Basic, Ruby, Python, Java, NI LabView
Software and Tools	QNX, NI LabView 2012, Visual Studio, Eclipse, NetBeans, IntelliJ IDEA Based IDEs, Enterprise Architect, Adobe Photoshop

Work Experience

Roketsan A.Ş. Tech Center, Ankara, TURKEY — Full Employment

Embedded Systems Software Test Engineer — April 2013 to Now

- ✓ Designed Test Systems for Embedded Hardware and Software of Missiles
- ✓ Developed Missile Simulators on Various Platforms for Testing and Integration Purposes
- ✓ Conducted an On-Field Operation which Updates The Software of a Widely-Used Missile
- ✓ Engineered a Distributed Script Based Test Automation System for Black Box Testing Approach
- ✓ Developed a Generic MIL-STD-1760 Bus Controller and Remote Terminal Software which Scaffolds GUI of MIL-STD-1553 Messages and Generates C++ and C# Code For Further Customization

Porsche AG R&D Centre, Weissach, GERMANY — Internship

Advanced Electronic Engineering Intern — July to October, 2012

- ✓ Programmed a NETMF based microprocessor to build rear lamp animations
- ✓ Developed High Pass and Low Pass Filters for the detection of sound signals in prototype vehicles
- ✓ Developed an Android application for logging and graphing car data on tablet and smartphones

Microsoft Corporation Ankara, TURKEY — Internship

Corporate Citizenship Intern — June to July, 2011

- ✓ Managed and conducted social responsibility projects

Arcelik A.S. Refrigerator Plant, Eskisehir, TURKEY — Internship

Engineer Intern at Quality and Assurance Department — June to July, 2010

- ✓ Developed a test system for electronic temperature sensor of the refrigerator

Languages		
Turkish (native)	**English** (IELTS Degree: 7, TOEFL IBT: 94)	**German** (basic, A2 in CEF level)

Certificate, Licenses and Awards	
Awards	METU EE Dept. Senior Engineering Project Design Course: Honorable Mention Award (2012)
Driving License	B (since 2008)
ALES	92
Military Service	Postponed (until September 2017)

Activities and Interests	
Sports	Tennis, Basketball, Darts
Social Skills	Creativity, Hard Working, Ambition, Dedicated, Team Player