

XIANG ZHANG

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SUMMARY

- 10 years in Automotive design, test and manufacturing (8 years experience in passive safety with Tire1 supplier and 2 year in transmission with OEM)
- System Architect and with superior team and project management skills and a diverse technical background in the Automotive Passive Safety R&D Engineering;
- Senior HW/Electronic design engineering and requirement engineering in Automotive powertrain/transmission control
- Multicultural experience through delegation work in Germany, responsibility for projects from various regions (Japan, Korea, China, India, North America)
- 2 years experience in UK

HIGHLIGHTS

- Requirement Engineering (DOORS)
- System Engineering (SysML, Enterprise Architecture)
- Reverse Engineering (Design, Cost and Manufacturing)
- ISO26262 Functional safety (FTA, FMEDA, Safety Concept)
- Project Management (PVCS, MKS, MS Project)
- 8D/FMEA/FEA
- Quotation support (Technical presentation, Short RE shopping list)
- Test equipment operation (Oscilloscope, probe, function generation, CANoe, INCA)
- Manufacturing test (ICT, AOI, ETS, EOL)
- Fluent in English
- Multicultural experience
- Open communication

ACCOMPLISHMENT

- Technical leading of the Requirement Engineering on System/Product level for two Airbag Control Unit Platform design and the first application project in Continental with COMBO2.2 (Integrated Sensor cluster);
- Served as System/HW expert during the Airbag Control Unit development in Asia and North America; also in the return part analysis for China OEMs, Honda and Daimler in China;

- Responsible for Changan's next generation Transmission control unit requirement engineering
- Leading the E-park prototyping control system in Changan UK R&D center

EXPERIENCE

August 2014– Present

Senior HW and Electronic Engineer @Changan UK R&D Center – Birmingham

June 2012 – August 2014

HW Team Leader @Continental Automotive – Changchun

February 2011 – August 2014

System Architect @Continental Automotive – Changchun

February 2007 – February 2011

HW Engineer@Continental Automotive/Siemens VDO – Changchun/Regensburg

November 2006 – February 2007

HW internship@ Siemens VDO – Changchun

Project

SRS projects @Continental/Siemens VDO

- SPEED_XS Platform design (1st and 2nd generation)
- SPEED_M_ISC(K211)
- ARAMIS 1/2/3 and STAR22
- HRS5/6
- HKMC15
- Mazda_J03_J12
- Suzuki YW1/YY3/YP6

Powertrain/ Transmission projects @Changan UK R&D Center

- Platform TCU Design (DCT400H)
- DCT270
- E-park prototype

Education

2004 – 2007 Jilin University

Master of Electronic Engineering, Electrical and Electronics Engineering

1999 – 2003 Changchun University of Science and Technology

Bachelor of Electronic engineering, Electrical and Electronics Engineering