Zhaopeng Guo

Name	Zhaopeng Guo
DOB	27.07.1991, Shandong, China
Tel.	+49 176/ 31527154
E-Mail	g277321@gmail.com
GitHub	https://github.com/g277321
Address	Römerstraße 13, 69181, Leimen, Germany

EDUCATION

10/2016—01/2020
University of Stuttgart, Germany
Master of Science, Electrical and Info Engineering

06/2013—09/2016
University of Koblenz, Germany
Bachelor of Science, Electrical Engineering

10/2010—09/2013
Qingdao University of Science and Technology, China
Bachelor of Science, Electrical Engineering

EXPERIENCE

05/2020 – present
S4/HANA Software Developer at SAP SE Walldorf
- Developed excel mass upload tool for cloud defense
- Developed grantor management components for Public Sector Collection and Disbursement (PSCD)
- Deloyed Fiori Launchpad for Grantor Management

07/2019—01/2020
Master Thesis on project 'Continual Learning for Deep Reinforcement Learning' at Institute of Signal Processing and Systems Theory, University of Stuttgart, Germany
- Implemented and compared deep reinforcement learning algorithms A2C and DQN (Tensorflow V2, Keras)
- Implemented and verified continual learning algorithms progressive neural networks and elastic weight consolidation (Tensorflow V2, Keras)

04/2018—05/2020
Co-Founder of MongoX Technology GmbH and worked on blockchain development
- Developed and tested basic packages for blockchain, i.e. encryption, database and data structure (NodeJS, MySQL)

| 10/2018—04/2019 | Research work 'Implementation and verification of different methods for continual learning' at Institute of Signal Processing and Systems Theory, University of Stuttgart, Germany |

- Implemented and verified continual learning algorithms elastic weight consolidation, generative replay and naive rehearsal for classification(Tensorflow V1)

| 05/2017—12/2018 | Working student on 12-48V battery system with CAN bus development and test at Bosch Battery System GmbH, Feuerbach, Germany |

- Processed test data of 12-48V battery system (VBA)
- Tested microcontroller of 12-48V battery system (CANoe and INCA)
- Implemented testing software GUI (CANoe)

| 03/2016—06/2016 | Bachelor Thesis on project 'Analysis and evaluation of the influence of different hardware platforms on the behavior in static code analysis' at Robert Bosch GmbH, Renningen, Germany |

- Tested different hardware behaviors with GCC, CBMC and Astree. i.e. storage methods and mode of hardware communication (C/C++)

| 11/2015—02/2016 | Internship on project 'Benchmark for Static Code Analysis' at Robert Bosch GmbH, Renningen, Germany |

- Implemented a benchmark for DGS (Diesel Gas Online) software in MISRA (C/C++)

SKILLS

Language	Chinese: Native
	German: Fluent, C1 level
	English: Fluent

| EDV | ABAP, C/C++Programm, Java, Matlab, Python, NodeJS, CAN, CAN-FD, Tensorflow, Keras, INCA, CANoe, Datenbank(SQL, MySQL, MongoDB), VB, Microsoft Office |

| Driver's license | Class B |