

CURRICULUM VITAE

NAME: Xuefang Zhao (Cody)

YEAR OF BIRTH: 1991

ACADEMIC QUALIFICATIONS:

Bachelor of Engineering Science 2014 Shanghai Ocean University, China
(Outstanding Graduate 2014)

Master of Engineering Science 2016 The University of Jönköping, Sweden

PROFESSIONAL QUALIFICATIONS:

Member, The Institution of Engineers Australia

AWARDS:

09/2012 – 08/2013 Recipient of the National Scholarship (China)

CAREER APPOINTMENTS:

2021- Research and Development engineer, Gilmore Engineers Pty Ltd|e3k
2018-2019 Design engineer, ÅF Pöyry B, Trollhättan, Sweden
2016-2018 Mechanical design engineer, National Electric Vehicle Sweden, Trollhättan, Sweden
2016-2016 Research assistant, Jönköping University, Jönköping, Sweden
2015-2015 Intern, Research and Development Department, Fläkt Woods, Jönköping, Sweden

PUBLICATIONS:

Salomonsson.K, Zhao.X, Kallin.S.(2016) ‘Analysis of the Internal Mechanical Conditions in the Lower Limb Due to External Loads’, *World Academy of Science, Engineering and Technology International Journal of Medical and Health Sciences Vol:10, No:6, 2016*

BIOGRAPHICAL NOTES

Xuefang Zhao currently is working as a Research and Development engineer in Gilmore Engineers Pty Ltd | e3k. She has a wide knowledge of production and R&D, specialising in product development, product optimisation, product quality control and Finite Element Analysis (FEA).

Xuefang graduated with her bachelor’s degree in Mechanical Automation Engineering from Shanghai Ocean University in China with an outstanding graduate reward in 2014. She then completed a Master’s degree in the field of Product Development and Materials in Jönköping University in Sweden, graduating in 2016. A total of 6 years’ academic experience gives her a strong knowledge of product design, product development and project management.

In 2016, Xuefang worked as a research assistant in Jönköping University for the project named ‘Osseodent’, a joint venture by the Schools of Engineering and School of Medicine. There she used Finite Element Analysis (FEA) knowledge to research the creation of new ideas and their

effectiveness, in the specialist field of tooth-implants. This experience has greatly enhanced her familiarity with structural design and FEA.

Towards the end of 2016 Xuefang joined NEVS (National Electric Vehicle Sweden) as a mechanical design engineer. NEVS is one of Sweden's leading electric vehicle manufacturers. Her main tasks were to design and development Air Conditioning Systems and Electric Battery Packages. She was also in charge of a cooling system test for the Electric Battery Package. Another main task for Xuefang was to liaise with part suppliers and provided them with the necessary technical support.

In 2018 Xuefang moved to ÅF Pöyry as a design engineer for R&D department. ÅF Pöyry B is a Swedish-Finnish engineering, consulting, and design company within the fields of energy, industry, infrastructure and information technology. Xuefang performed design projects and developed products from concept generation to production for this company.

These projects and designs increased her professional experience and greatly. The projects for Volvo Cars particularly - windscreen system and wheel arch liner system design made her more familiar with product design process and product development management. The 2-year-working experience also developed her communication skills with group members and customers.

Xuefang became a valuable team member and honed her communication skills with team members and clients alike. Through projects such as the design of windshields and wheel arch liner systems for companies such as Volvo, she gained firsthand experience in the product design process and product development management.

Xuefang became a permanent resident of Australia in 2021 and is looking forward to applying her talents in a wide variety of applications in the R&D and design disciplines