

Jonathan Jarvis

MSc, MEng, CEng, MRAeS

Accomplished Systems and Services Engineer, with strong experience in mechanical power systems. Proven track record of managing and delivering complex technical projects and of leading interdisciplinary teams.

EMPLOYMENT

Dec 2018 – Present

SECTION MANAGER, OVERHAUL ENGINEERING – Rolls-Royce Deutschland
Accountable for all Service Engineering activities related to overhaul for a fleet of 8000+ Jet Engines, including Failure Investigations, Engine Manuals, Technical Variances and Life Cycle Cost reduction activities.

Direct manager of 30+ engineers

- + Technical approver for major supply chain restructure.
- + Led organisational transformation, including the formation of a new engineering group.
- + Departmental lead for People Management and Development

Feb 2018 - Nov 2018

SECTION MANAGER, LIFECYCLE INTEGRATION – Rolls-Royce Deutschland
Accountable for all Engineering activities related to lifecycle analysis, such as reliability modelling, Equipment Health Management and Design for Services.

Direct manager of 16-20 engineers

- + Managed reduction in team size by 4 engineers with fixed workload.
- + Global capability owner for Digital Services development.
- + Held interim position of Chief Lifecycle Cost Engineer for Corporate fleet.

Sep 2016 – Jan 2018

ENGINEERING MANAGER, COST & DISRUPTION – Rolls-Royce, Defence (UK)
Accountable for reducing the cost and disruption of operating the Defence engine fleets. Jointly ran tactical improvements while also managing a strategic capability project.

Led delivery of 40m+ GBP savings over 2 years

- + Manager and team lead for 8 engineers.
- + Project and budget accountability for 700k/a capability project.
- + Developed and deployed Digital Services Strategy for Defence Aero.

Sep 2014 – Aug 2016

WORK PACKAGE OWNER, EHM – Rolls-Royce, Defence Aerospace (UK)
Responsible for the definition, development and deployment of Equipment Health Management systems on 3 Defence products - the UK-FR FCAS programme, the TP400 and the Adour engines.

Direct liaison to multiple government/military customers

- + Successfully developed and deployed Automated Lifting System to RAAF.
- + Led the R-R delegation to the FCAS consortium EHM workstream.
- + Requested by RAF (UK) to support Acceptance Tests for TP400 systems.

May 2012 – Aug 2014

SERVICE ENGINEER, JSF LIFTSYSTEM – Rolls-Royce, Defence Aerospace (UK)
Responsible for Safety and Reliability investigations and sentencing damages or variations from design definition. Delivery Lead for investigations and engine maturity.

Improved investigation times by 40%

- + Delegated signature authority from Chief Engineer.
- + Owned and completed the fleet's largest safety investigation.
- + Led project submission to the Royal Academy of Engineering awards

Sep 2010 – Apr 2012

GRADUATE ENGINEER – Rolls-Royce, Defence Aerospace (UK)

Completed six 3-month placements across multiple business sectors and global locations.

Consistent delivery and strong performance

- + Prepared and passed Critical Design Review for Energy Division, Montreal.
- + Project Lead for auto-throttle for Environmentally Friendly Engine project.
- + Awarded a patent for design of shape memory actuators for vane tuning.

EDUCATION

2010 - 2015

MSC, ENGINEERING MANAGEMENT (DIST.) – University of West England, UK

- + Sponsored by Rolls-Royce under CPDA programme, undertaken part-time

2006 - 2010

MENG, AEROSPACE ENGINEERING (1ST HONS.) – University of Sheffield, UK

- + Specialism in Aeromechanics; Aerodynamics and Propulsion

AWARDS & ACHIEVEMENTS

2013 – present

INTERVIEWER & MENTOR – Arkwright Engineering Scholarship Trust (UK)

2006 – 2019

PRIVATE PILOT'S LICENCE (PPL) – Numerous National Aviation Authorities

2018

PROJECT EXCELLENCE LEADERSHIP ACADEMY (PELA) – Rolls-Royce GmbH

2015

CHARTERED ENGINEER (CENG) – Royal Aeronautical Society (RAeS)

EXTRA SKILLS INTERESTS

GERMAN LANGUAGE – Ongoing study, currently at B1 level

CARS AND MOTORBIKES – I own and maintain a 1971 VW Beetle and a Yamaha Fazer FZ600. Both have required substantial work/rebuilds.

CODING – I enjoy hobby coding projects in Python, e.g. the Advent of Code.

SPORTS – I play for Berlin Setanta (GAA) Hurling club, and have competed in several European tournaments since moving to Berlin

FLYING – I've been a qualified pilot for over a decade, flying over 3 continents