Lebenslauf   23.7.2023

Name: Howerd Paul Oakford
Geburtsdatum/ -ort: 28.10.1954 in Lowestoft, UK
Nationalität   britisch, deutsch seid 06.12.2018

Familienstand: verheiratet
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Bildungsweg

09.1965 – 08.1972   **Lowestoft Grammar School**, Lowestoft, UK. A-levels in Physics, Chemistry, Applied Maths, Pure Maths.

09.1973 – 08.1976   **Trinity College, Oxford University**, MA(Oxon) in Physics, spezialisiert in Nuclear Physics and Electronics.

01.1985   **Advanced polyForth course**, Forth, Inc. Los Angeles, USA

Praktische Erfahrung

Bitte klicken Sie hier für weitere Details : http://www.inventio.co.uk/Howerd_Oakford_CV.pdf

08/2022 – present   Senior Softwareentwickler, Bertrandt AG / StreetScooter GmbH (Qt5, Qt6, C++, QtCreator, QWidgets, QML, qMake, CMake). Development of the viisi Graphical User Interface using Qt6 CMake and QtCreator with QML.Porting of the SIA/GFS/DIAP Graphical User Interfaces from Qt5 QWidgets/qMake to viisi Qt6 QML/CMake..

10/2020 – 7/2022   Senior Softwareentwickler, Bertrandt AG / Volkswagen, Huawei (ARM64, GNU toolchain, Ubuntu)
Development of the VW AIO (Ampelinformationen Online) system, Autosar, SOME/IP, Eclipse, Visual Studio Code for AArch64, Aspice and KGAS.

05.2020 – 09.2020   Senior Softwareentwickler, Bertrandt AG / Vaillant GmbH (NXP ARM, ST ARM, GNU toolchain, Xubuntu)
Development of the Cost Attractive Gateway, an ARM iMX6 SoloX based communications gateway.

08/2018 – 05/2020   Softwareentwickler, ESE GmbH/ Siemens Cargo (Eclipse, Visual St., AVR, ARM,PC)

Project control of the Wireless Sensor Network (CTwsn), LOEP controller board (ST ARM, SIL2 dual redundant) and LOEP Configuration Tool (C#).

Project control of the Wireless Sensor Network (CTwsn), LOEP controller board (ST ARM, SIL2 dual redundant) and LOEP Configuration Tool (C#).

01/2017 – 06/2018	Softwareentwickler, Brunel GmbH/ Siemens AG (Ubuntu Linux, ARM, Nios2). Developing an ARM and Altera FPGA based dual redundant train safety system.
09.2016 – 01.2017	Softwareentwickler, Slock.it UG (Ubuntu Linux, ARM)
	Compiling Go and Geth (Go ETHeruem) client.
08.2016 – 09.2016	Sinar Technology Ltd (BLE Hardware development)
	Development of Bluetooth Low Energy (BLE) / LoRa serial link.
06.2016 – 07.2016	Xecnet, SW developer (Ubuntu Linux)
	Proposal for Distributed Autonomous Organisation (DAO) on the Ethereum Blockchain system.
02.2016 – 05.2016	EDMI Limited, Smart Meter SW developer (ARM)
06.2015 – 01.2016	Hanover Displays Ltd, embedded SW developer (ARM)
	Development of Electronic Route Indication Controller (ERIC), an information display controller for transport systems.
07.2014 – 03.2015	Landis & Gyr /Toshiba, Smart Meter SW developer (ARM)
05.2012 – 10.2013	Suss Microtec AG (München), embedded SW developer (ARM)
12.2011 – 04.2012	NXP Semiconductors GmbH (Hamburg), Smart Card dev.
03.2011 – 11.2011	Itron Metering Solutions UK Ltd, Smart Meter SW dev. (ARM)
08.2010 – 02.2011	Infineon Technologies AG (Graz, Österreich), Smart Card dev.
03.2010 – 05.2010	Markem-Image Ltd, embedded SW developer (Infineon XC161)
07.2008 – 02.2010	Eltek Ltd, HW & SW developer (TI MSP430)
05.2008 – 07.2008	Westweigh Ltd, embedded SW developer (8051)
09.2007 – 04.2008	Renesas (UK) Ltd, embedded SW developer (Renesas SH7254x)
10.2005 – 06.2006	Metric Group Ltd, embedded SW developer (ARM)
07.2004 – 05.2005	Marconi Selenia Secure Systems, embedded SW dev. (8086)
02.2003 – 04.2004	Alaris Medical, embedded SW developer (ARM)
10.2001 – 03.2002	Matsushita Mobile / Panasonic, embedded SW dev. (ARM)
08.2001 – 10.2001	De La Rue Cash Systems, embedded SW dev. (68000)
07.2000 – 06.2001	Matsushita Mobile / Panasonic, SW dev (TCP/IP)
seit 07.2000	**Computer Consultant, Inventio Software Ltd**, United Kingdom
09.1998 – 10.1998	Racal Radio Ltd, embedded SW developer (UDP/IP)
10.1994 – 12.1995	EMV / MicroProcessor Eng., embedded SW dev. (V25/80186)
10.1994 – 12.1995	Philips / MicroProcessor Eng., embedded SW dev. (68000)
10.1985 – 03.1986	Forth, Inc. / Avco Inc (USA), embedded SW dev. (80x86)
10.1982 – 10.1983	Broner/Protos, embedded SW/HW dev. (8051)
10.1981 -- *	JBC Systems/Westweigh, embedded SW/HW dev. (8051)
10.1981 – *	Sinar Technology Ltd, embedded SW/HW dev. (CDP1802, 8051)
10.1981 – 06.2007	**Computer Consultant**, United Kingdom
05.1979 – 09.1981	**Software/hardware developer**, Rofin Ltd / Sinar Technology Ltd
11.1977 – 04.1979	**Test Engineer**, Computer Electronics Ltd, Saffron Walden, UK

Note * Unterstützung noch diese Unternehmen

Weitere Kenntnisse

Sprachen:	Englisch – Muttersprache
	Gute Deutsch kenntnisse
Software:	Spezialisiert in embedded software : Assembler, C/C++, C#,
	Forth, Javascript, PHP, Python.
	Spezialisiert in cryptography and secure communications.
	MS Windows/Office
	Linux
Sonstige:	UK/Euro Führerschein
Hobbies:	Klavier/keyboard, guitarre, wandern/fahrad fahren, Forth.

Auslandserfahrung

05.2020 – …..	Bertrandt AG (NXP ARM, ST ARM, GNU toolchain, Xubuntu)
08.2018 – 05.2020	E.S.E GmbH (Braunschweig), SW developer (ARM, iMX6, AVR)
01.2017 – 07.2018	Brunel GmbH (Braunschweig), SW developer (ARM)
10.2016 – 01.2017	Slock.it UG (Mittweide), SW developer (ARM)
05.2012 – 10.2013	Suss Microtec AG (München), embedded SW developer (ARM)
12.2011 – 04.2012	NXP Semiconductors GmbH (Hamburg), Smart Card dev.
08.2010 – 02.2011	Infineon Technologies AG (Graz, Österreich), Smart Card dev.
10.1985 – 03.1986	Forth, Inc. / Avco Inc (Alabama, USA), embedded SW dev.