Yanuo Deng (James) 1565 Cress Way, Olivehurst,CA,95961 (408)444-5520 deng.ya.nuo@gmail.com Cantonese

CAREER OBJECTIVE — Focused professional with 15+ years of experience and a proven knowledge of embedded system(linux/RTOS), and digital & analogy circuit design. Amiing to leverage my skills to successfully fill the Integrated Circuit Engineer, Software Engineer, or Network Security Engineer role at your company.

EXPERIENCE — C-MATRIXTECH CO.LTD., Zhuhai, Guangdong, 3 person R&D/6 Integrated Circuit Designer, Dec 2017 - Feb 2019 Verilog coding, FPGA simulation and debug for self-powered SOC chip. MCU debug; Port C-language from Assembly for the MCU; Analog circuit design. Achieved self-powered MCU SOC used on iPhone data cables; Mass production 10 per month.

VIOMI CO.LTD., Foshan, Guangdong, 3 person R&D/200 Software (Firmware) Engineer, May 2017 - Oct 2017 Linux driver for the wifi chip; Speech Recognition App for Linux. Achieved smart wireless Speech Recognition module ; Mass production 3k per month.

BLUEWAY CO.LTD., Huizhou, Guangdong, 5 person R&D/2500 Software (Firmware) Engineer, May 2016 - Apr 2017 FreeRTOS system migration for the embedded board, target for electric mowers.

ADON CO.LTD., Foshan, Guangdong, 3 person R&D/350 Software (Firmware) Engineer, Oct 2013 - Dec 2015 Linux driver & app for the Homepod (wifi speaker/charger for iPhone); Mass production, 3k per month.

SKYIT SOFTWARE CO.LTD., Shunde, Guangdong, 5 person R&D/500 Software Engineer, Dec 2011 - Jul 2013 Windows Client App by C#; Data API by C for the first order a meal App in China

VBRIDGE MICROSYSTEM INC, San Jose, CA, 5 person R&D/12 Digital Integrated Circuit Engineer, Apr 2005 - May 2008 AES, DES, 3DES, MD5, SHA1, CRC : ipcores for the security engineer. 5 bit MCU for the dual-MIPS SOC chip All IP cores include specification, testbench, RTL; All IP cores verified by the SOC Chip

EDUCATION — XI'AN university of technology, Xi'an city, Shannxi, China Master of Science (M.S.) Microelectronics & Solidstate Electronics (Apr 2005)

ADDITIONAL SKILLS — C, Verilog, Vim, Bash, Perl, Go-language, Gnumake, git Linux / FreeRTOS driver

Certifications — Electronics Engineer Certification, Foshan city, Aug 2008

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