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| Daisuke YAMAGUCHI | xxxxx, xxxxx, Yokohama 226xxxx, Japan  xxxxxxxx@xxx.ne.jp (+81) xx-xxxx-xxxx |

**OBJECTIVE**

Engineer or Manager in fields of IoT, Industry 4.0, Industrial Internet, robotics and AI technology

**SUMMARY**

* Ph.D. in Engineering, Japan, in application of data analysis and AI methods to sensitivity/feeling (*kansei*) information processing and in improvement of mathematical analysis models.
* Over 7 years of engineer experience in factory/building automation and electric utility industry.
* Team and project management of production engineering and design improvement.
* Negotiation of international certification in terms of EMC and CE marking.
* Wide range of technical knowledge in research, analysis, development, design, manufacturing, quality control and system integration.

**SKILLS**

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| Computer Skills: | MS Office (Word/Excel/PowerPoint/Outlook), AutoCAD LT, Acrobat, Lotus Notes |
| Programming: | C, Visual C++, Excel VBA (Visual Basic for Applications), R, Matlab, Scilab, Fortran |
| Instruments: | Digital Multi-Meter, Oscilloscope, Arbitrary Waveform Generator, Milliohm Meter, Temperature Recorder, Vibration Meter, Strain Recorder, Drill Press |
| Tools: | QC Tools, 5-why Analysis, Risk Assessment, FMEA (DFMEA, PFMEA) |
| Math Models: | Statistical Analysis, Multivariate Analysis, Clustering, Rough/Fuzzy/Grey Sets, Neural Networks, Genetic Algorithms, Simulated Annealing, Self-Organization Map |
| Language: | Japanese (Mother Tongue), English (Advanced) |
| Qualifications: | Fundamental Information Technology Engineer Examination, Japan (20xx)  Driver’s License, Japan (20xx) |

**PROFESSIONAL EXPERIENCE**

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| XXXXXX Pte Ltd  address, postal code, Singapore | September 20xx – Present |
| Manufacturing company of XXXXXX Machines and XXXXXX Machines in factory automation industry with $xxx mil annual sales. | |

**Electrical Engineer and Production Engineering Team Reader of xx members (October 20xx - Present)**

* Handled documentation, negotiation (test items and price), testing of EMC/CE marking based on EN/ISO international standards with certification body (TÜV SÜD PSB Singapore).
* Managed production engineering team (consisted of Singaporean, Malaysian and Chinese members) in schedule, document checking and progress of each work.
* Managed projects of production transfer from Japan to Singapore for Japan-developed products.
* Developed, reviewed and evaluated specific functions (control circuits) requested by customers based on existing machine configuration.
* Modified product designs partially with design review, risk assessment and reliability test (e.g. inner parts replacement due to stop production and cost-down suggestion).
* Estimated man-hour and material cost for new designs and modified designs.
* Improved quality problems in both internal defectives and market claims onsite.

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| XXXXXX Co., Ltd.  Address , postal code Japan | August 20xx – May 20xx |
| Manufacturing company of XXXXXX with $XXX mil annual sales. | |

**System Integrator / Electrical Engineer**

* Provided and maintained integrated system of power cables in XXXXXX industry, by adapting customer requirements in terms of hardware selection, control circuit design and communications software integration.
* Presented and demonstrated integrated system for overseas customers in English.
* Researched domestic (Japan) and overseas (Indonesia, Egypt and Cyprus) fields to design XXXXXX system for XXXXXX.
* Designed, manufactured and modified XXXXXX in building and factory automation.
* Developed Excel VBA software to support customers’ operation in fields.

**RESEARCH EXPERIENCE IN GRADUATE SCHOOL**

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| XXXXXX University, Graduate School of XXXXXX  XXXXXX University, Graduate School of XXXXXX  XXXXXX University, Graduate School of XXXXXX | April 20XX – March 20XX  April 20XX – March 20XX  April 20XX – March 20XX |

* Extracted impressive keywords and similar-trend product groups from sensitivity/feeling (*kansei*) data of products using data analysis methods and AI methods.
* Developed online sensitivity/feeling measurement system for product and landscape pictures.
* Improved existing data analysis and AI methods to adapt to sensitivity data processing.

**Representative Publications**

* D. Yamaguchi et al., “A Grey-Rough Set Approach for Interval Data Reduction of Attributes,” *Lecture Notes in Artificial Intelligence*, vol.4585, pp.400–410, Springer (2007)
* D. Yamaguchi et al., “Decision Rule Extraction and Reduction Based on Grey Lattice Classification,” *International Conference on Machine Learning and Applications*, pp.31–36 (2005)

**EDUCATION BACKGROUND**

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| **Doctor of Philosophy in Engineering** | April 20XX – March 20XX |
| XXXXXX University, Graduate School of XXXXXX, Tokyo, Japan | |
| **Master of Science** | April 20XX – March 20XX |
| XXXXXX University, Graduate School of XXXXXX, Tokyo, Japan | |
| **Bachelor of Engineering** | April 19XX – March 20XX |
| XXXXXX University, Department of XXXXXX, Tokyo, Japan | |