

**RECRUITMENT ANNOUNCEMENT**

*Hanoi, January 13th , 2020*

Vietnam - Korea Institute of Science and Technology (VKIST) was established with the support of the Korean Government and is a Public Agency on Science and Technology under the Ministry of Science and Technology. The mission of VKIST is to lead applied R&D of industrial technologies and contribute to the sustainable economic development of Vietnam.

VKIST continues to announce recruitment of engineers for the Research area in Information Technology. We are seeking engineers with creativity and enthusiasm to make a breakthrough for national competition in the field of science and technology, contributing to building a new paradigm according to the international standards.

This is a good opportunity for researchers to demonstrate their capability, professional ability towards a global level and contribute the most practical way to the advancement of Vietnam's industry. VKIST members will have a great opportunity to participate in the global network starting with the Korean Science and Technology Community.

**1. JOB POSITION**

- Researcher

**2. JOB DESCRIPTION**

**a. Embedded Programming Engineer**

* Implementing system software development on microprocessor platforms (Microcontroller, DSP, RISC, CPLD, FPGA ...)
* The structure format of the microprocessor for researching and developing algorithms is suitable for product development requirements.
* Analyzing and proposing methods of testing and evaluating product quality.
* Develop measurements, evaluation methods, debugging methods in the process of product testing programming.

**b. Electronic engineer**

* Research and design CPU boards for control and signal processing.
* Designing Analog and Digital hardware boards for control and signal processing.
* Designing Drive boards that control the power semiconductor IGBT, MOSFET, SIC ...
* Designing small power boards.
* Making requirements and methods of measuring and testing the boards.

**3. FIELD AND EXPERIENCE**

**a. Embedded Programming Engineer**

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| **Requirement** | | **Experience** |
| Having in-depth knowledge:  - Microprocessor engineering  - Electronic engineering  (analog electronics, digital  electronics, logic circuits ...)  - Computer architecture  - Operating system  - Programming techniques. | Proficient and accessible embedded programming tools for:  - Microcontrollers  - Advanced microprocessors  (Microcontroller, DSP,  RISC, CPLD, FPGA ...).  - Proficient in supporting  tools for source code  management. | At least 02 years experience in:  - Embedded programming microcontroller programming tool for 8-bit microcontroller lines; 16-bit; 32-bit, or high-end processor lines.  Design experience:  - Embedded software system with medium and high complexity (assessed by the number of component modules; the number of features / tasks performed ...) |

(\*) Working experience with industry is an advantage

**b. Electronic engineer**

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| **Requirement** | | **Experience** |
| Having in-depth knowledge:  - IC/LSI, functional IC (ADC, DAC ...), memory IC (DDR1, DDR2 ...)  - Complex IC (CPLD, ARM ...), understand the microprocessor architecture and microprocessor and peripheral protocols.  - Understand basic communication protocols (UART, RS232 ..)  - Knowledge of high speed communication ICs (Ethernet, SATA III ...), as well as wireless technology. | - Proficient in circuit design software to design boards.  - Proficient in simulation design software to simulate the signals in the design process. | At least 2 years experience in: digital hardware design |

(\*) Working experience with industry is an advantage

**4. GENERAL REQUIREMENT**

- Vietnamese (including resident in abroad) meeting requirements of State employee

with good health (follow the Decree No. 29/2012/NĐ-CP of the Government).

- Graduate formal university or higher with technical subjects related.

- High spirit and strong sense of duty as a professional.

**5. BENEFITS**

- Working with R&D friendly environment with high spirit and responsibility.

- Competitive salary, benefits and allowances according to global standard

- Have the opportunity for career achievement through networking with leading

laboratories and businesses in the global market.

- Have the opportunity to learn and improve knowledge and professional area.

**6. WORK LOCATION**

- MOST office: 304, 113 Tran Duy Hung, Ha Noi

- Hoa Lac office: Hoa Lac Hi-tech Park, km 29 Thang Long Boulevard, Ha Noi.

**7. APPLICATION & EVALUATION**

- Application form can be downloaded [**here**](mailto:here) and submit all documents with proofs to

Email: [vkisttuyendung1@gmail.com](mailto:chungtx91@gmail.com)

- **Deadline:** **Febuary 20th, 2020**

- The evaluation process:

* Documents screening
* The 1st round of interviews: qualitative evaluation of accomplishments
* The 2nd round of interview: future perspectives of the applicant.

- Final notification & contract agreement.

**8. LIST OF SUBMISSION DOCUMENTS**

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| **No.** | **Documents** | **Remarks** |
| **1** | Application Form | VKIST form must be used |
| **2** | Certificate of Engineer/Bachelor/Master/Doctor Degree | academic transcript should be attached |
| **3** | Proof of awards or scholarship | If available |
| **4** | Other Documents | If any |
| *\* One (01) copy of each document is required* | | |

**9. OTHERS**

- Notification will be announced to applicant individually

- The position will be closed after it is fully filled.

**10. STARTING DAY OF WORKING**

- February, 2019 *(Can be adjusted after discussion).*

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| **For more information please contact:**  **The Vietnam–Korea Institute of Science and Technology**  Room 304, 113 Tran Duy Hung, Ha Noi – 0243.5560695  Mr. Trần Xuân Chung – Human Resource Team  E-mail: [vkisttuyendung1@gmail.com](mailto:chungtx91@gmail.com) Tel: 0916.031015 |