

CURRICULUM VITAE (RESUME)

1. GIVEN NAME: BATZORIG
2. SURNAME: LOMBODORJ
3. GENDER: Male
4. DATE OF BIRTH: 26 January 1974
5. NATIONALITY: Mongolian
6. FAMILY STATUS: Married



7. EDUCATION:

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| 2021 | Ph.D. degree finished, In the field of Physical Engineering/
Mechanical engineering, “Bio-chip development study for
separation of micro-cells in the blood using hydrodynamics and
inertial forces”, Ulaanbaatar, Mongolia. |
| 2008-2010 | Master's degree, Industrial R&D Semiconductor Engineering
Asia University, Taiwan. |
| 2005-2007 | Master's degree in Computer Science. Mongolian University
Science and Technology, Computer Science and Management
School. |
| 1994-1996 | Bachelor's degree in Electronics. Major in Electronic systems.,
Mongolian University of Science and Technology, Computer
Science and Management School. |
| 1991-1994 | Mongolian University of Science and Technology, Computer
Science and Management School, Diploma in Electronics. |
| 1981-1991 | Choibalsan cities. Secondary school N1. |

8. OTHER TRAINING:

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| March 2005 | English Language course at the Crazy English Language Institute |
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9. LANGUAGE PROFICIENCY:

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| Mongolian | (native language) |
| English | (good) |

10. COMPUTER SKILL: Beginner study: MATLAB, HSPICE, “COMSOL” bio-chip simulation program, “SOLIDWORKS-2020”, “IAR-EMBEDDED WORKBENCH” simulation programs.

11. WORK EXPERIENCE:

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| 2023-2025 | Researcher, and Teacher of Biomedical Engineering at the Mongolian University of Science and Technology |
| 2013-2023 | Lecturer at the School of Information and Telecommunication for the Mongolian University of Science and Technology |
| 2004-2008: | Researcher and teacher at Computer Science and Management School of Science and Technology University. |
| 1998-2004: | Senior teacher at Art Craft and Manufacture College |
| 1996-1998: | Engineer in Environment Control Center, Agent of Ministry of Environment |

12. ACHIEVEMENTS AND EXECUTION:

- Designed industrial automatic weight measure equipment /function: in short time to calculate the weight of goods and amount of the goods which rolling on the conveyer with 15 mg fluctuation.
- Designed and produced a crane automatic system with a construction company order. This production was introduced at the International Scientific Conference in 2006 and now is working with good performance in the construction field.
- Designed and implemented multipart generator devices for electrical theory laboratory works and these devices were well tested.

13. Publishing

- High-Throughput White Blood Cell (Leukocyte) Enrichment from Whole Blood Using Hydrodynamic and Inertial Forces. 2020. IMFACTOR 2.42.
- “Bio-chip development study for separation of white cells from whole blood using hydrodynamics and inertial forces”, MMT-2020.
- “Study on NSCR ESD protection for TLP of BCD technology”, first International Conference on Applied Sciences and Engineering 2019” (FICASE), 2019.
- “Blood cell separation from whole blood by hydrodynamic and inertial force”, first International Conference on Applied Sciences and Engineering 2019” (FICASE), 2019.

14. CONTACT ADDRESS:

Telephone: 976-94127498
Email: lombodorjbatzorig@gmail.com
Address: Ulaanbaatar Bayan-zurkh district, 15-Road, Building 22, Number-1.

I hereby submit my resume and certify that the content is true to the best of my knowledge.

Batzorig.L