
Shyngys Salakchinov

Male, 27 years, born on 9 August 1990

+7 (777) 319-71-71
chingi2030@gmail.com

Reside in: Astana
Ready to relocate, ready for business trips

Desired position — **Laboratory coordinator**

Personal statement

I position myself as a qualified specialist in electronic engineering and automation processes, who constantly working on his level of competence.

Work experience —7 years 4 months

January 2016
— until now
2 years

Nazarbayev University

Astana, www.nu.edu.kz

Laboratory assistant School of Science and Technology

Conducting lab sessions, preparing laboratory setups, designing lab manuals and lab courses, procuring consumables and equipment, repairing equipment, managing laboratories.

Research assistant in the projects:

- 1) "Development of a humanoid robot with neuromorphic control system for applications in household and public environments".
 - 1.1) Folgheraiter M., Keldibek A., Aubakir B., Salakchinov S., Gini G., Franchi A. "A Neuromorphic Motion Controller for a Biped Robot." Human Performance and Robotics, Satellite Workshop of IEEE Humanoid, 2016.
 - 1.2) Folgheraiter M., Keldibek A., Aubakir B., Salakchinov S., Gini G., Franchi A., Bana M. "Development of a Low-cost Humanoid Robot with Neuromorphic Control System."
 - 1.3) Michele Folgheraiter, Amina Keldibek, Bauyrzhan Aubakir, Shyngys Salakchinov, Giuseppina Gini, Alessio Mauro Franchi, Matteo Bana, "Development of a neuromorphic control system for a lightweight humanoid robot", ICITDA 2016
- 2) "Investigation of the opportunities of application of renewable sources of energy for small/mobile autonomous systems".
 - 2.1) A. Shintemirov, B. Omarali, F. Muratov, M. Issa, Sh. Salakchinov, T. Alizadeh, Y. Familiant, A Sensorless MPPT-based Solar Tracking Control Approach for Mobile Autonomous Systems, *Proc. of the 42nd IEEE Industrial Electronics Conference (IEEE IECON2016)*, Italy, October 24-27, 2016
- 3) "Laboratory studies of soil characteristics to determine the physical and

chemical properties of the soil, as well as a specialized survey for further understanding of the interaction of soil with the pipeline 3GI”

November 2015 —
December 2015
1 month

National Laboratory Astana

Astana, www.nu.edu.kz

Research assistant

In the project "Investigation of the opportunities of application of renewable sources of energy for small/mobile autonomous systems".

Electronic design, PCB design and production

September 2015
— November 2015
2 months

Nazarbayev University

Astana, www.nu.edu.kz

Research assistant

in the project «Development of a humanoid robot with neuromorphic control system for applications in household and public environments».

Electronic design, PCB design and production

August 2014
— May 2015
10 months

"TKR Group" company

Pavlodar, <http://tkrgroup.org/>

Software developer

Designing robotics systems, educational textbooks. Programming microcontrollers, microprocessors. Designing electronic devices, printed circuit boards, 3D models.

April 2010 — July
2014
4 years 4 months

"Elite-Decor VK" company

Ust-Kamenogorsk

IT specialist

Designing local networks, servicing and repairing computers. Managing ACPS projects.

Education

Higher
2014

Tomsk State University of Control Systems and Radioelectronics

Faculty of electronic technics, Master of electronics and nanoelectronics

2012

Daulet Serikbayev East-Kazakhstan State Technical university

IT faculty, Bachelor of instrument making

Key skills

Languages

Kazakh — native
English — I read professional literature
Russian — I am a fluent speaker

Skills

3D Max Altium Designer AutoCAD EagleCAD Electronics design MATLAB Keil P-CAD
PCB design PCB production ACPS Atmel Microchip STM32 CNC-MACHINING
LASER-MACHINING Assembler C Verilog HTML Processes automation 3Dprinting

Additional information

Recommendations

TUSUR

PI Nazarbayev University Research and Innovation System
Aidar Zhakupov (General Director) azhakupov@nu.edu.kz

Nazarbayev University, SST
Almas Shintemirov (Associate professor) ashintemirov@nu.edu.kz

"TKR Group" company
Aleksander Shankin (Director) tkrgroup.org@gmail.com