Bekarys Kuspan

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PERSONAL INFORMATION

Date of Birth   18.09.1994
Place of Birth   Atyrau, Kazakhstan
Citizenship   Kazakhstan
Family status   Married

EDUCATION

NAZARBAYEV UNIVERSITY, **School of Engineering,** Astana, Kazakhstan
Electrical and Electronics Engineering, master's degree, 2017 – 2019

NAZARBAYEV UNIVERSITY, **School of Engineering,** Astana, Kazakhstan
Electrical and Electronics Engineering, bachelor's degree, 2013 – 2017

NAZARBAYEV UNIVERSITY, **Centre for Preparatory Studies,** Astana, Kazakhstan, 2012 – 2013

KAZAKH-TURKISH HIGH SCHOOL FOR GIFTED BOYS, Astana, Kazakhstan, 2007-2012

EXPERIENCE

BeInTech/BI innovations, Astana, Kazakhstan, **developer**, 2019 March – Now. Automatization of equipment exploitation norm, which can be used for cost estimation. (Java/Drools rule engine, JavaScript/Vue)

CLEVEREST TECHNOLOGIES Start Up, Astana, Kazakhstan, **robotics specialist**, 2019 January – 2019 March. Development of robot guide prototype for Nur-Otan party and development robot courier for KazPost. (Motors, Arduino, ROS, Python, JavaScript)

KAZAKHSTAN GHARYSH SAPARY, Astana, Kazakhstan, **developer**, 2017 October – 2018 December, Automatization of ground control center processes. Development of commercial satellite image store (frontend (JS and Leaflet, Openlayers), backend (NodeJS)). URL: eo.gharysh.kz

KAZAKHSTAN GHARYSH SAPARY, Astana, Kazakhstan, **mission planning engineer**, 2017 Summer, (Learnt functions of ground control center for remote earth sensing for further automatization)

KAZAKHSTAN GHARYSH SAPARY, Astana, Kazakhstan, **intern**, 2016 June, (Learnt Soldering and PCB fabrication)

ASTANA SOLAR, Astana, Kazakhstan, **intern**, June 2015 (Learnt the production process of solar panels)

Languages

Russian – Fluent, Kazakh – Native, English – Advanced (IELTS 7.5/9, Updated: 10.12.2016), Turkish – Upper-Intermediate

Main skills
- JavaScript (React, OpenLayers Api, Leaflet Api)
- Drools/Java
- NodeJS (Express)
- Python (Pandas, Numpy, Sklearn, Keras, Tensorflow)
- C++
- Matlab
- PostgreSQL

Network Engineer skills
- Linux: Ubuntu
- Docker
- LAN technologies: Ethernet, L2/L3 Switching, VLAN, STP (RSTP, MSTP)
- Routing protocols: EIGRP, OSPF, BGP
- Wireshark, Cisco Packet Tracer, GNS3, Riverbed

Additional skills
Latex, AutoCad, Robolab, Multimedia Logic, PSIM, Electric VLSI, SPICE, PowerWorld simulation, Mathematica, PiCAD, Altium Designer

Projects
Final project (Master): "Daily Transformer Electric Vehicle Charging Capacity Prediction Using Recurrent Neural Network", (Matlab, Python)

Conference: "The Influence of Electric Vehicle Penetration on Distribution Transformer Ageing Rate and Performance", ICRERA 2018, France. (Matlab)

Capstone project (Bachelor): "Design and Development of Automated Hand Trolley for Human Assistance". (C++, Matlab, PCB soldering)

Course project: "Cursor Control by Tracking a Reference Object." (C++, OpenCV, Matlab)

Course project: "Controlled Air Inlet for Cold Countries". (C++, Assembly)

Personal Skills

A good person to work with.