



# Max Gusev

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<https://github.com/GusevPortfolio>

Minks, Belarus (visa sponsorship)

## TECHNICAL PROJECT MANAGER

Technical Project Manager with specialization in autonomous vehicles. 10+ years of experience in product and project management in total, and 4+ years in autonomous vehicle/robotics/embedded development. Successfully realized projects in France, Germany, Turkey, the UAE, Belarus, Russia, Nepal, Rwanda with budgets from 100k to 200M euro.

European (ATU Sligo, Ireland) master's degree for Autonomous and Connected Vehicles allows me to bring together interdisciplinary automotive and IT concepts such as computer vision, machine learning, vehicle dynamics and advanced sensor systems.

## HARD SKILLS

Project Management: Agile, Waterfall, Hybrid;

Financial Modeling: EVM, budget estimation of high-tech products, P&L;

Programming: Python / C++, MatLab, Linux;

Computer Vision: OpenCV, CUDA;

Machine Learning: sklearn, pandas, NumPy, Matplotlib, Keras, TensorFlow;

Simulation: Simulink, IPG Carmaker, Gazebo;

Risk Management: FTA, FMEA, triggers list;

Software Development Life Cycle: ISO 26262, ASPICE;

IATF & VDA tools: APQP, FMEA, SPC, MSA, PPAP;

Sensor Fusion: Radar, LiDAR & Camera;

Robot Development Frameworks: ROS / ROS2, Ardupilot;

## PROFESSIONAL EXPERIENCE

**UST inc. / [www.ust.inc](http://www.ust.inc)**

**Sep 2019 - Present**

**Chief Project Officer**

International OEM for the development and realization of Cooperative Intelligent Transport Systems (C-ITS) with full cycle of R&D, testing, deployment and certification.

Personal accomplishments:

- Compiled five product lines from 100+ semi-ready prototypes;
- Validated functional safety requirements with RTA (Dubai Ministry of Transport);
- Slashed of prime cost -7% for a vehicle and -14% for a sub-system;
- Supervised TÜV certification of the first complex in the UAE;
- Restarted of the cost estimation process based on statistics;
- Certificated the product based on EN50126 and ASCE21;
- Restructured a commercial department and marketing + contract strategies;
- Sharpened localization to 0.02 m by landmark detection (GNSS/INS + Camera);

Product results:

- Completed project in the UAE (\$10M, CPI=0.97, SPI=1.01);
- Completed project in BLR (\$3M, CPI=1.05, SPI = 1.11);
- Signed two contacts in the Middle East and UAE;
- Signed two contracts in South Asia and Central Africa;
- Signed contract in Russia;

**DAIMLER Trucks RUS / www.mercedes-benz-trucks.com**

**Mar 2017 - Sep 2019**

**Senior Product Manager**

Headed a Cross-Functional Team for localization parts of cabins for Mercedes-Benz MP4. Unique program for MB with two OEMs: Mercedes-Benz & KAMAZ. €60,000,000 total budget / 30-month duration.

Accomplishments:

- Headed 67% of the localization scope or 24 material groups, such ADAS hardware, plastic, mirror systems, interior trims, etc.;
- Developed three local suppliers to DAIMLER AG standards;
- Managed of 14 plants from the first assessment and RfQ to serial supplies;
- Implemented SAP from BBP to closed signing as a key user;
- Main auditor at Russian Heavy Truck division of Mercedes-Benz (+50 audits in DE, FR, TR and RU);

**KAPITAL Group LLC**

**Jan 2016 - Mar 2017**

**Project Quality Manager**

Assured high-precision production of details for high-speed train brake systems by 5-axis CNC machines within the quality department.

**Ecopol Vladimir LLC**

**Oct 2014 - Jan 2016**

**Quality Manager**

Managed 12 employees to improve and maintain the overall efficiency of the company and launched a new production line that contained injection molding, heat-insulating foaming, and assembly;

**Plastic Omnium RUS / www.plasticomnium.com**

**Dec 2012 - Oct 2014**

**R&D Engineer**

Maintenance and testing of production line, execution of root cause analysis, development of corrective actions (CAPA). Collaborated with the department's improvements team (SMED, SFM, Kanban, and Kaizen). Participated in the new line launch for Nissan and Renault (Dacia) projects.

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## EDUCATION

**Atlantic Technological University (Sligo, Ireland) - in process**

Master of Engineering for Autonomous and Connected Vehicles

**Project Management Institute (Pennsylvania, USA)**

Project Management Professional (PMP)

Portfolio Management Professional (PfMP)

**Vladimir State University (Vladimir, Russia)**

Bachelor of Engineering for Automotive Engineering

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## RECOMMENDATIONS

**John Popel / member of USA Forbes Business Development**

"One of the best engineering project management executives I've worked with"

**Jan Wall / President of Kathmandu Podway LTD**

"Working in third world countries can be stressful. Max, however, acclimated himself to his new environment and showed the ability to work in any country and be effective as soon as his feet hit the ground."

**Nadezhda Kosareva / CEO at UST inc.**

"The most promising and young C-level manager for solving the company strategic challenges"