OLEKSANDR TERESHCHUK, MBA
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oleksandr-tereshchuk.com | LinkedIn
oleksandr.tereshchuk1@gmail.com
Stockholm, Sweden | +46 7 655 195 39

Former UBER ATG autonomous vehicle test engineer and later a technical project manager. Worked inside of large-scale autonomous vehicle operations and has solid understanding of what is needed to set up smooth AV operations and tech support with a focus on minimizing downtimes. Enthusiastic about AV industry, has an ability to create and manage efficient cross-team workflows to ensure high productivity. Not only business-focused, but also an engineer with hands-on experience working on autonomous vehicle hardware and software. Accustomed to high-pace, high-pressure environments. Keen ability to develop, track, and maintain operational metrics.

KEY SKILLS

· AV Test Engineering
· Vehicle Reliability Assessment
· Quality & Safety Control
· Test Environment Development
· Root Cause Analysis & Troubleshooting
· Workflow Engineering, Improvement & Automation
· Cost Analysis & Forecasts
· Strategic Planning & Execution
· Strong Presentation Skills
· Project Development & Management
· Data Collection, Processing & Analysis
· Writing Technical Documentation
· Vendor Relationships & Contracts
· Experience w/ Level 2-5 AVs

TECHNICAL SKILLS

· Linux, GitHub
· Project Management SW:
  JIRA, Confluence, SmartSheet, MS Project, MS Suite, Asana, Notion
· Phyton, C++, HTML, CSS, MySQL
· AV Mapping Tools: Google Earth, TomTom, ArcGIS online
· Virtual Desktop Infrastructure (VDI)
· Data Visualization Software: Tableau, Google Data Studio
· AV Hardware Troubleshooting: AV Sensors (LIDAR, radar, cameras, IMUs)
· AV Software Troubleshooting

EDUCATION

Master of Business Administration
Colangelo College of Business, Grand Canyon University, Phoenix, AZ

International Business Honor Society
Delta Mu Delta Member

Bachelor of Science
Major in Software Engineering
Zhitomir State Technological University, Zhitomir, Ukraine

ADDITIONAL TRAINING

Financial Modelling, Analysis and Investing – Udemy
Digital Marketing – Google
Entrepreneurship 101 – MaRS Discovery District
Executive Education Course in Leadership – HBX Harvard Business School
Business Roadmap Program – HIVE

PROFESSIONAL EXPERIENCE

SCANIA – Stockholm, Sweden   12/2022 – Current
Deployment & Operations Manager, Self-Driving Vehicles
TRATON Control Center, PM

- Lead Traton Control Center concept development for fleets of Autonomous Trucks
- Analysed business operations in coordination with initiative and business owners
- Planned staffing, roles, created processes, standards and routines to run fleets of Autonomous Vehicle operations in line with Scania standards & SGPs (Scania Group Policies)
- Defined deployment plans, operational concepts, and service strategies, all with focus on delivering maximum customer value.
- Defined requirements, product roadmaps and deployment strategies for the Control Center in accordance with customer's needs the company's objectives
- Participated in training on-site staff, testing of operational concepts, policies and procedures

Key tasks for this role included:

- Defined and developed Control Center's concept for autonomous implementation of H2H or other prioritized areas according to Autonomous strategy, including negotiating with partners, suppliers and customers
- Defined and developed solution readiness for running autonomous operations
- Developed and tested roles needed for safe 24/7 operations together with internal stakeholders at Scania as well as external to ensure operational readiness
- On site analysis for commercial business case to support Transport operations and to prepare for network expansion and value proposition development
- Close cooperation with VCT

Algolux – Montréal, QC   8/2022 – 12/2022
Operations Engineer, Self-Driving Vehicles
Operating as an independent consultant, responsible for:

- **Overlooking self-driving vehicle (SDV) and Fleet Team operations**, hardware and software upgrades, data acquisition and systems troubleshooting.
- **Analysing operational workflow** for the purpose of improving efficiency and streamlining the flow:
  · Analyzing and documenting the flow and duties of each step in the process
  · Identifying, documenting, and presenting inefficiencies and bottlenecks
  · Presenting both, analysis, and recommendations to the senior management team
- **Researching** to find alternative methods and ways to increase efficiency.
- **Designing solutions** that address both current and future problems and provide solutions that enhance the overall operations of an organization.
- **Designing and implementing** the workflow management software.
- Developing related **safety procedures and operational protocols**.
- **Training staff** on new procedures and safety standards.

Deep Work Studios Inc. – Kelowna, BC   9/2020 – 06/2022
Dome Village Inc.
CEO & Founder

Founded a start-up company in Canada. Below is a brief description.
DWS is a company that specializes in creating unique studios for creative people from various industries, including workplace professionals, artists, entrepreneurs etc. We provide our guests with one-of-a-kind, dedicated distraction-free workspaces for deep concentrated work.

DWS are short-term workspaces for rent where our guests can cultivate creativity in direct contact with nature in restful and beautiful settings. Whether seeking inspiration, rest or just time to work in a rural and peaceful environment, our studios offer all these possibilities.

Websites:
https://deepwork.community
https://domevillage.ca

Uber Technologies – Toronto, ON
Technical Project Manager, Self-Driving Vehicles   1/2019 – 5/2020

- **Liaised with top management and cross-functional teams**.
  - **Performed costing and timeline prediction analysis, reducing operational costs and allowing for adequate planning**.
  - Presented data analysis broadcasted across North American locations, broadening project awareness and generating beneficial partnerships.

- **Oversaw quality analysis of collected data for the building of the AV Map**, **facilitating the on-time delivery of the product release.**
  - Extracted, analyzed, evaluated, and validated metrics from collected logs, improving data quality.
  - Organized data for ease of accessibility throughout teams, reviewing, snipping, and creating data log set for the store and future use.
- Built custom maps utilizing mapping tools including Google Earth, and TomTom.
- **Developed AV Maps data collection plans and routes on public roads and on test tracks.**
  - Designed custom Test Track scenarios to evaluate specific systems and newly developed SDV features.
  - Identified and addressed inefficiencies during the AV Map building lifecycle, reducing operation costs.
  - Created workflows for the various teams involved in AV Map data collection and building process, improving work quality and reducing turnaround time.

Uber Technologies – Toronto, ON
Test Operations Engineer, Self-Driving Vehicles   8/2018 – 5/2020

- **Led the Toronto Test Engineering Team, presiding over operations and personnel including operators and Mission Specialists.**
- **Established test environments, designing test plans in addition to developing and executing test cases and scenarios**.
  - Troubleshoot all software and hardware issues during commissioning, testing, and operating phases, including SW/HW issues.
  - **Identified, documented, and tracked key metrics and issues, determining root causes and solutions**.
  - Built and deployed technology that improves the safety, accessibility, convenience, and efficiency of Uber's self-driving vehicles.
- **Collaborated with cross-functional team**s.
  - Provided feedback to development teams on recurring fleet issues.
  - Established custom test cases and environments with scenario teams, allowing developers to test land features without breaking the code.
  - **Worked closely with development teams across the platform on verification strategies.**
  - Developed a strong knowledge base and issue workarounds, communicating them to the Fleet Desk.
- Worked with Virtual Desktop Infrastructure (VDI) and sensing equipment including LIDAR, radar, and cameras while employing White Box testing methodologies.

Uber Technologies – Tempe, AZ
Reliability Engineer, Self-Driving Vehicles   6/2017 – 8/2018

- Provided Tier I support for engineering off-board services and Tier II fleet troubleshooting support.
- **Analyzed software and hardware, isolating, documenting, and tracking issues arising during commissioning, testing, and operating phases**.
  - Diagnosed and performed hardware repairs.
  - Communicated findings with the Fleet Desk and escalated issues to the proper teams.

Alliance Abroad Group – Austin, TX
Systems Administrator   11/2013 – 11/2014

- Maintained, managed, and upgraded software, hardware, and networks.
  - Deployed, configured, and managed: IP phone systems, SharePoint and Exchange 2010 on Windows, Apache on Linux Debian, DHCP, and DNS networks.
  - Set up routers, switches, firewalls, print servers and printers.
  - **Repaired hardware and recovered software failures while coordinating with impacted stakeholders.**
- Located possible intrusions, performing regular security monitoring.
- **Analyzed, designed, and assessed systems including local area networks, Internet, and Intranet**.
- Installed, configured, and managed Windows Server 2003/2008 R2.
  - Administered public key certificates including HTTP security.
  - Employed Active Directory to establish security policies, overseeing users, computers, and other devices on the network.
  - Regulated local and remote network connectivity.
  - Rebuilt existing servers in compliance with project and operational requirements.

CIVIC ENGAGEMENT

OLEKSANDR TERESHCHUK, MBA

Storytelling Volunteer – Victorian Order of Nurses
Launched Non-Profit Centre for Families and Kids Struggling with ADHD Disorder
Mental Health Group Facilitator

Yoga Instructor – Durham Community Care and East-View Neighbourhood Community Centre
Food Packing Volunteer – Feed My Starving Children

ENTREPRENEURSHIP

Raccun Digital Marketing Studio – Kelowna, BC
Digital Marketing Agency
Started a digital marketing agency, with focus on e-commerce, marketing strategy, 3D rendering, animation and video production.
Website: http://raccun.com

Deep Work Studios Inc. – Kelowna, BC
DWS is a company that specializes in creating unique studios for creative people from various industries, including workplace professionals, artists, entrepreneurs etc. We provide our guests with one-of-a-kind, dedicated distraction-free workspaces for deep concentrated work. We build workspaces that cultivate creativity in direct contact with nature in restful and beautiful settings. Whether seeking inspiration, rest or just time to work in a rural and peaceful environment, our studios offer all these possibilities.
Website: https://deepwork.community/

Dome Village Inc. – Kelowna, BC
Real estate development firm. Dome Village is building a co-working community for knowledge workers and remote employees, to promote more sustainable tourism patterns, taking advantage of the increased living and working flexibility of the digital era.
Website: https://domevillage.ca

Flow Guru – Kelowna, BC
Mental Wellness Organization for Adults

Barber Blake – Sarnia, ON
Dog Grooming Salon

ArizonaPools.ca – Sarnia, ON   5/2020 – 8/2020
Founded a pool cleaning and maintenance business. Built the website and online booking and payment systems. Oversaw all communication and marketing aspects, creating social media promotions and advertisements. Maintained a strong focus on customer satisfaction, loyalty, collaboration, and accountability. Completed all purchase orders and customer invoicing.

Recovery-Room.ca – Toronto, ON   5/2019 – 11/2019

Provided athletes and sports teams with access to advanced recovery and performance tools used by professional and elite athletes. Operated autonomously in all facets of business such as strategic planning, merchandizing, web development marketing, customer relations, business development, and financial management. Presented services at events including Ironman and Olympic Triathlons.

Kuzina Kadriv – Zhitomir, Ukraine   10/2012 – 11/2013

Established a personnel outsourcing service to fund university studies, carefully selecting a business model that offered efficiency and predictably to complement academic schedules. Recruited and hired personnel, presiding over 15 employees at any given time. Compiled detailed records and key metrics. Launched advertising campaigns, managed social media accounts, and built a website.

OUTSIDE OF WORK

- Ironman 70.3 Turkey (Oct 2023) 4:17:34
- Ironman 70.3 World Championship, Lahti, Finland (Aug 2023) 4:35:21
- Ironman 70.3 Jönköping, Sweden (Jul 2023) 4:41:36
- Ironman 70.3 Marbella, Spain (May 2023) 5:19:35
- Ironman 70.3 Coeur d'Alene, USA (Jul 2022) 5:01:06
- Ironman 70.3 Calgary, AB (Aug, 2021)
- Ironman 70.3 Marbella, Spain (Apr, 2019)
- Ironman 70.3 Kona, Hawaii (June, 2019)
- Ironman 70.3 Muskoka, Canada (Jul, 2019)

- 1st AG – Montreal Esprit Olympic Triathlon, (Sep 10, 2022)
- 2nd AG – Invermere Olympic Triathlon Invermere, Canada – Multisport Festival (Jul 2022) 2:25:13
- 6th AG – Half Moon Bay Olympic Triathlon, California, USA – 02:03:51 (May 2022)
- Montreal Esprit Sprint Triathlon, Sep 11, 2020
- Tri for Evan (Sprint Tri), Jul 2021
- 1st AG – Regional YMCA Olympic & Sprint Adult and Youth Duathlon
- 3rd AG – Mountain Man 34th Annual Triathlon, Flagstaff, AZ, July 2018