



## CV / Biografija

Lične informacije:

Ime: **Lazar**

Prezime: **Turšijan**

Datum rođenja: **April 19, 1996**

Nacionalnost: **Srbin**

Državljanstvo: **Republike Srbije**

Institucija: **Univerzitet u Novom Sadu, Poljoprivredni fakultet, Departman za poljoprivrednu tehniku**

Adresa: **Trg Dositeja Obradovića 8, 21000 Novi Sad, Serbia**

Telefon: **+381 61 23 29 384**

Email: **tursijan.lazar@gmail.com**

Edukacija:

- **Diplomirani inženjer poljoprivrede (Dipl. Inž. polj.) (2015 - 2020) - Univerzitet u Novom Sadu, Poljoprivredni fakultet, Departman za poljoprivrednu tehniku;**
- **Master inženjer poljoprivrede (Mast. Inž. polj.) (2020 - 2022) - Univerzitet u Novom Sadu, Poljoprivredni fakultet, Departman za poljoprivrednu tehniku;**
- **Doktorant na poljoprivrednom fakultetu (2022 - ) - Univerzitet u Novom Sadu, Poljoprivredni fakultet, Departman za poljoprivrednu tehniku;**

Poznavanje stranih jezika: **Engleski - Piše, Čita, i Govori;**





## **Radna iskustva:**

- 1. "TITAN Machinery" d.o.o (09.2017 – 10.2017) – Stručna praksa.**
- 2. "Termometal" d.o.o (09.2019 – 10.2019) – Stručna praksa.**
- 3. "Agroart" d.o.o (02.2020 – 12.2021) – Konstruktor poljoprivredne tehnike, šef proizvodnje.**
- 4. "DTD AGRAR" (04.2022 – 01.2023) – Rukovodilac održavanja, inženjer precizne poljoprivrede.**

## **Oblasti stručnosti:**

### **1. Precizna poljoprivreda**

- Varijabilna aplikacija đubriva
- Varijabilna setva
- Varijabilna i precizna aplikacija pesticida
- Instalacija i implementacija sistema precizne poljoprivrede
- Obuka za korišćenje sistema za automatsko navođenje poljoprivrednih mašina – autopilot sistemi

### **2. Telematski sistemi i optimizacija poljoprivredne tehnike**

- Daljinsko praćenje radnih parametara poljoprivredne tehnike
- Optimizacija zasnovana na podacima

### **3. Eksploatacija proizvodnih sistema**

- Održavanje i servis mašina
- Efikasno korišćenje poljoprivrednih mašina

### **4. Tehnologije dronova u poljoprivrednoj proizvodnji**

- Primena dronova u poljoprivrednoj proizvodnji
- Daljinska detekcija i nadzor
- Mapiranje terena



## **5. Tehnologija 3D štampe u poljoprivrednoj industriji**

- Inovativne primene u poljoprivredi

## **6. CAD Modelovanje i dizajn (AutoCAD, Autodesk Inventor, SolidWorks)**

- Projektovanje poljoprivrednih mašina
- Razvoj i dizajniranje poljoprivrednih mašina, pojedinačnih delova, podsklopova i sklopova
- Izrada projektno – tehničke dokumentacije
- Priprema crteža za dalju proizvodnju i izradu delova na CNC mašinama (plazma, laser, strug, presa,...)
- Izrada normativa za proizvodnju

## **7. Tehnika aplikacije pesticida**

- Efikasna i precizna aplikacija pesticida
- Ekonomski održiva aplikacija pesticida
- Napredne tehnike aplikacije pesticida

## **8. Mašine u hortikulturi, vinogradarstvu i zaštiti bilja**

- Specijalizovane mašine u hortikulturi i vinogradarstvu
- Mašine u zaštiti bilja

## **9. Održiva poljoprivredna proizvodnja**

- Aplikacija pesticida u održivoj poljoprivrednoj proizvodnji

## **10. Mašine u šumarstvu i vodoprivredi**

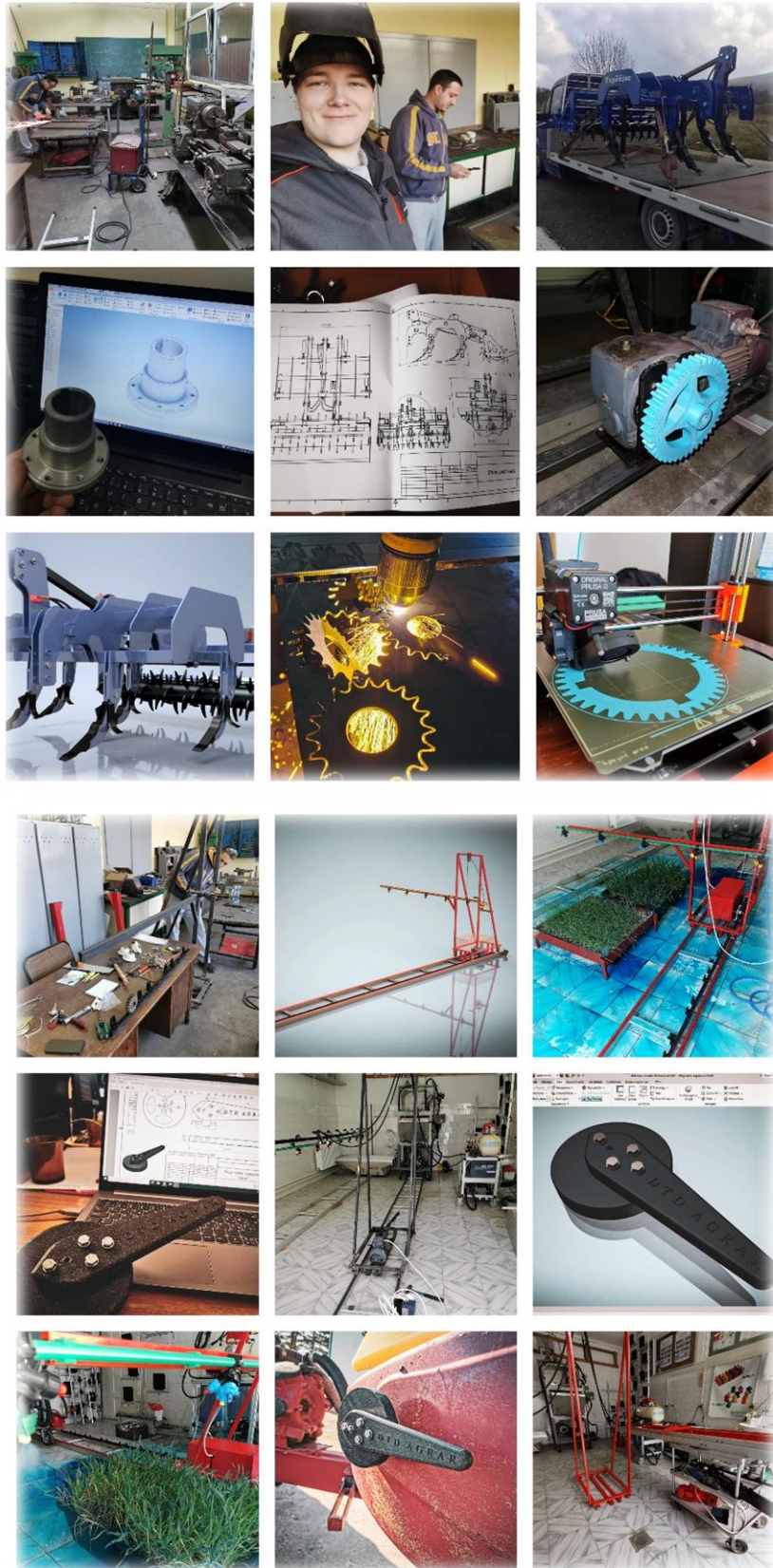
- Mašine i oprema u šumarstvu
- Mašine i oprema u vodoprivredi



## Poznavanje i upotreba softverskih alata:

- **QGis**
- **Pix4D Fields**
- **JD OperationCenter**
- **OneSoil**
- **DJI Terra**
- **AgroCAD 360**
- **Autodesk AutoCAD**
- **Autodesk Inventor**
- **Autodesk Civil3D**
- **Autodesk CFD**
- **SolidWorks**
- **MS Office**
- **Adobe Photoshop**
- **Adobe Illustrator**
- **Adobe Lightroom**
- **Statistica**
- **AjanCAM**
- **SkecthUP**



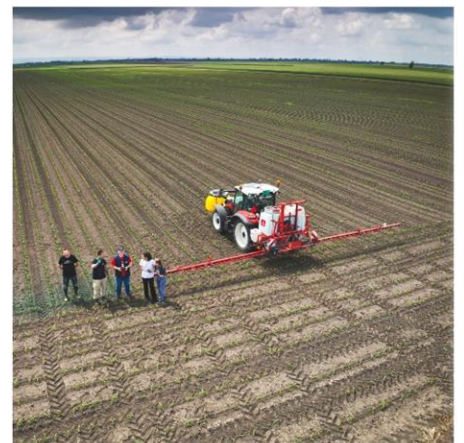
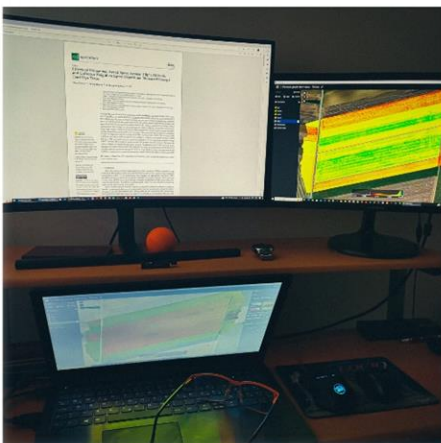




UNIVERZITET U NOVOM SADU  
Poljoprivredni fakultet



DEPARTMAN ZA POLJOPRIVREDNU TEHNIKU





## CV / Biography

### Personal Information:

Name: **Lazar**

Surname: **Turšijan**

Date of Birth: **April 19, 1996**

Nationality: **Serbian**

Citizenship: **Republic of Serbia**

Institution: **University of Novi Sad Faculty of Agriculture, Department of Agricultural Engineering**

Address: **Trg Dositeja Obradovića 8, 21000 Novi Sad, Serbia**

Phone: **+381 61 23 29 384**

Email: **tursijan.lazar@gmail.com**

### Education:

- **B.Sc. in Agricultural Engineering (2015 - 2020) - University of Novi Sad, Faculty of Agriculture, Agricultural Engineering;**
- **M.Sc. in Agricultural Engineering (2020 - 2022) - University of Novi Sad, Faculty of Agriculture, Precision Agriculture;**
- **PhD in Agricultural Engineering (2022 - ) - University of Novi Sad, Faculty of Agriculture, Precision Agriculture;**

Foreign Language Proficiency: **English - Writing, Reading, and Speaking;**







## **Working experience:**

- 1. "TITAN Machinery" d.o.o (09.2017 – 10.2017) – Internship**
- 2. "Termometal" d.o.o (09.2019 – 10.2019) – Internship**
- 3. "Agroart" d.o.o (02.2020 – 12.2021) – Agricultural machinery designer, chief of production**
- 4. "DTD AGRAR" (04.2022 – 01.2023) – Head of maintenance, engineer of precision agriculture**

## **Areas of Expertise:**

### **1. Precision Agriculture**

- Variable fertilization
- Precision seeding
- Precision pesticide application
- Installation and implementation systems of the precision agriculture
- Training for the use of systems for automatic guidance of agricultural machines - autopilot systems

### **2. Telematics and Optimization of Agricultural Machinery**

- Remote monitoring of machinery
- Data-driven optimization

### **3. Exploitation of Agricultural Machinery**

- Machinery maintenance and servicing
- Efficient machine utilization

### **4. Drone Technologies in Agriculture**

- Applications of drones in farming
- Remote sensing and monitoring
- Terrain mapping

### **5. 3D Printing in Agriculture**

- Innovative applications in farming



## 6. CAD Modeling (Autocad, Inventor, SolidWorks)

- Design and modeling of agricultural machinery
- Conceptualization and development
- Creation of project - technical documentation
- Preparation of drawings for further production and production of parts on CNC machines (plasma, laser, lathe, press,...)
- Development of regulations for production

## 7. Pesticide Application Techniques

- Efficient and precise pesticide application
- Cost-effectiveness of pesticide use
- Advanced application techniques

## 8. Machinery in Horticulture, Viticulture, and Plant Protection

- Specialized equipment for horticulture and viticulture
- Plant protection machinery

## 9. Sustainable Agricultural Production

- Pesticide application in sustainable agriculture
- Integrated Pest Management (IPM) practices

## 10. Machinery in Forestry and Water Management

- Forestry machinery and equipment
- Water management equipment



## Software that we use:

- **QGis**
- **Pix4D Fields**
- **JD OperationCenter**
- **OneSoil**
- **DJI Terra**
- **AgroCAD 360**
- **Autodesk AutoCAD**
- **Autodesk Inventor**
- **Autodesk Civil3D**
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FACULTY of AGRICULTURAL ENGINEERING



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