Eugeniu Vezeteu

EIT Digital - MSc. Autonomous System - Robotics & Machine Learning
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EDUCATION

• **Master in Autonomous Systems at Aalto University, School of Electrical Engineering**
Helsinki, Finland
September 2020 - Present

• **Master in Autonomous Systems at Technical University of Berlin**
Berlin, Germany
GPA: 3.35 / 4.00
October 2019 - July 2020

• **Master in DISTRIBUTED MULTI-MODAL VIRTUAL ENVIRONMENTS at University Ovidius of Constanta**
Constanta, Romania
October 2017 - June 2019

• **Bachelor in Mathematics and Computer Science at University Ovidius of Constanta**
Constanta, Romania
Bachelor Thesis: 10 / 10
Overall average grade: 9.87 / 10
October 2015 - June 2018

• **Bachelor in Economics at University Ovidius of Constanta**
Constanta, Romania
Bachelor Thesis: 10 / 10
Overall average grade: 8.57 / 10
October 2014 - June 2017

CERTIFICATIONS

• **BIG DATA ANALYTICS-EIT Digital KTH ROYAL INSTITUTE OF TECHNOLOGY**
Stockholm, Sweden
SUMMER SCHOOL
August 2020, Link.

• **CERVA Summer school on virtual environments UNIVERSITY OVIDIUS OF CONSTANTA**
Constanta, Romania
SUMMER SCHOOL
July 2017, Link

EXPERIENCE

FINNISH GEOSPATIAL RESEARCH INSTITUTE | Research Scientist
January 2021 – Present | Helsinki, Finland

- Department of remote sensing and photogrammetry Autonomous Research Vehicle Observatory, Cameras & LiDAR calibration, fusion, for Autonomous driving.

DEEP NEURON LAB | Intern
October 2019 – February 2020 | Berlin, Germany

- Competitors analysis, Innovation Entrepreneurship basics

MULTISOFT.SRL | Software Engineer
August 2018 – September 2019 | Constanta, Romania

- Full-stack developer, analysis, design and implementation of web and desktop applications, C#,.NET, SQL Server, Javascript (Bootstrap & jQuery)

UNIVERSITY OVIDIUS OF CONSTANTA | Volunteering
April 2018 and May 2019 | Constanta, Romania Link

THESIS & PUBLICATIONS

• Published in RoCHI 2018 • Computer Science • Speech & Speaker recognition for Romanian Language, Link.

• 2019 • Real-time object detection and recognition • Mobile robot

SKILLS

PROGRAMMING
Good with:
Python: (Numpy, Scipy, OpenCV, Pytorch, Keras, Flask)
Object-Oriented Programming • Dynamic programming
Machine Learning • Reinforcement Learning • Relational databases.

Known programming languages:
C# • C ++ • javascript • JAVA • SQL • PL / SQL • CSS • HTML

Basics of:
3D modelling: •Blender •3DS max

Experienced with:
• Panda 7dof arm •holonomic,nonholonomic car • Linux • Git
• Lidar • IMU • SLAM • ROS • nvidia jetson nano •raspberry pi •Arduino

COMPETENCES
• English language C1
• Russian language C2
• Driving license AM, B1, B

COURSEWORK

MASTER'S
- Reinforcement learning
- Computer Vision
- Basics of sensor fusion
- Machine Learning: Supervised Methods
- AI and Robotics: Lab Course
- Lab Course Machine Learning and Data Analysis
- Machine Intelligence I
- Robotics
- Applied Artificial Intelligence Project
- Hybrid Systems
- Discrete Event Systems

AWARDS

2019 1st prize ESTIC 2019 - Mobile robot embedded with object detection and recognition app, EDITION XII, Contest for Students in Information Technology. Link

2018 1st prize ESTIC 2018 - Speech and Speaker recognition app for Romanian language, EDITION XI, Contest for Students in Information Technology. Link

2016 2nd prize Diploma for the elaboration and public support of the work entitled "WinClean.SRL"

2016 2nd prize Diploma for elaboration and public support of "Influence of IT&C and Economic growth in Romania".