KEVIN SCHMIDT

M.Sc. Student in Autonomous Systems

Budapest, Hungary

kevin.schmidt272@gmail.com

https://kevs272.github.io/

https://www.linkedin.com/in/kevin-schmidt-61894b171
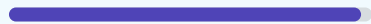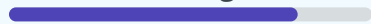
https://github.com/KevS272
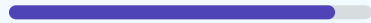
SKILLS

Programming

Presentation Skills

Scientific Writing

Attention to Detail

Creativity

PROGRAMMING LANGUAGES

Python C++ Java

HTML & CSS Javascript

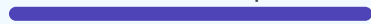## FRAMEWORKS, LIBRARIES & OTHERS

ROS (2) OpenCV

CUDA TensorRT Docker

PyTorch Linux

LANGUAGES

German - Native speaker

English - Advanced, C1
TOEFL iBT: 110/120

HOBBIES

Cooking Exploring

Guitar Concerts Piano

EDUCATION BACKGROUND

Eötvös Loránd University Budapest, Hungary   **2023 - 2024**

M.Sc. Autonomous Systems - CS for Autonomous Driving
EIT Digital Master School - Exit year

KTH Royal Institute of Technology Stockholm, Sweden   **2022 - 2023**

M.Sc. Autonomous Systems
EIT Digital Master School - Entry year

Baden-Wuerttemberg Cooperative State University Mannheim, Germany   **2017 - 2020**

B.Sc. Business Information Systems - Grade: *1.5 (excellent)*
Integrated study program with Atos Information Technology GmbH

WORK EXPERIENCE

Digital Business & Innovation Manager   **10/2020 - Current***

Eviden Germany GmbH
(Until 04/2023: Atos Information Technology GmbH)
Frankfurt, Germany

- Customer-facing sales expert for IT services for manufacturing, sustainability and automated driving development
- Responsible for startup and partner collaborations
- Preparation and active participation customer events, industry fairs, client meetings and workshops
- Collaboration in international teams

*long-term leave during master study periods

Cooperative Student Intern   **10/2020 - 09/2017**

Atos Information Technology GmbH
Frankfurt, Germany

- Six consecutive internships in different departments:
- IT Service delivery management
- SAP consulting
- Project and transition management
- Digital Business and Innovation

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○ https://github.com/KevS272

AWARDS & CERTIFICATES

2023 Best Entrepreneurial Team
EIT Digital Summer School 2023, Vilnius, Lithuania
Pitch competition winner

2022 Best Entrepreneurial Team
EIT Digital Master School 2022, Tallin, Estonia
Pitch competition winner

2020 Apprentice instructor certificate
IHK Rhein-Neckar

2019 ITIL Foundation certificate
AXELOS Global

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PUBLICATIONS

Towards Environment-Dependent Model Switching for Performance and Accuracy Conscious Object Detection in Day- and Nighttime Urban Traffic Environments
IEEE 47th Annual Computers, Software, and Applications Conference (COMPSAC) 2023, co-author

Signal processing pipeline for an autonomous electrical race car
IMAGE PROCESSING FORUM 2022, co-author

OTHER NOTEWORTHY EXPERIENCE

Driverless Perception Group Leader   05/2023 - 08/2023
KTH Formula Student
Stockholm, Sweden

- Management of perception-related projects inside the team
- Supervision of the teams' Engineering Design documentation
- Representation of the team at Formula Student Germany 2023, including the Engineering Design Presentation
- Implementation of camera and lidar-based object detection algorithms for a Formula Student Driverless race car

Driverless Perception Software Engineer   09/2022 - 04/2023
KTH Formula Student
Stockholm, Sweden

- Implementation of camera and lidar-based object detection algorithms for a Formula Student Driverless race car
- Collaboration on modularizing and containerizing a large ROS project

Autonomous System Advisor   10/2021 - Current
CURE Mannheim e.V.
Mannheim, Germany

- Support and consulting of club members in the areas of camera-based object detection, ROS, Docker, sensor and compute hardware selection

Lead Software Engineer Perception   09/2019 - 09/2021
CURE Mannheim e.V.
Mannheim, Germany

- Establishment of the Driverless division inside the club
- Implementation of camera and lidar-based object detection algorithms for a Formula Student Driverless race car
- Sensor and compute hardware selection
- Containerization of a large ROS project
- Representation of the team at Formula Student East 2021, including the Engineering Design Presentation