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| **Enes UZUN** |
| Ford Otosan, |
| *Plant / R&D Center, Golcuk, Kocaeli, Turkey* |
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| 📧 [uzun.ens@gmail.com](mailto:uzun.ens@gmail.com) |
| [*https://uzunenes.github.io*](https://uzunenes.github.io/) |

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**Personal Information**

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| --- | --- |
| Month / year of birth | 11 / 94 |
| Nationality | T.C. |
| Marital status | Single |
| Military service | Postponed |
| Driving license | B (Active) |
| Native language | Turkish |
| Foreign languages | English (C1) |

**Education**

|  |  |  |  |
| --- | --- | --- | --- |
| *Degree* | *School* | *Department* | *Year* |
| MSc | Gebze Technical University | Electronics Engineering | 2019 - … |
| BSc | University of Kocaeli | Electronics & Telecommunication Engineering | 2014 - 18 |
| BSc | University of Kocaeli | Foreign Language High School | 2013 - 14 |
| High School | Kocaeli 24 Kasim Anadolu Lisesi | STEM | 2009 - 12 |

**Business Experience**

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| --- | --- | --- |
| *Position* | *Company* | *Year* |
| Embedded Software Engineer | Ford Otosan A.Ş. | 2019 - … |
| Computer Vision Engineer | Evstek Information Technologies Ltd. | 2018 - 19 |
| Student Researcher | Kocaeli University Advanced Laboratory for Electronics | 2017 - 18 |
| Engineering Intern | Aselsan Electronics Industry & Trade Inc. | 2017 - 17 |
| Engineering Intern | Brisa Bridgestone Sabancı Industry & Trade Inc. | 2016 - 16 |

**Interest / Working Areas**

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| Signal/Image Processing, Embedded Systems, Machine Learning |

**Projects**

***Business projects***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Name* | *Company* | *Position* | *Start* | *Status* |
| DeepEye (Under vehicle inspection with 2D & 3D imaging, *2020 R&D Innovation project at Ford Company*) | FO | Software Eng. | Nov 20 | doing |
| Superfast Image Similarity API | FO | Software Eng. | January 20 | done |
| A deep-learning-based emergency alert system | FO | Software Eng. | August 19 | done |
| Car and plate detection system using image processing technique | FO | Software Eng. | May 19 | doing |
| Smart factory IoT monitoring system | FO | Embedded Systems Eng. | May 19 | done |
| [KEBOT](https://www.ke-bot.com/) (Image processing based hair transplant planning and evaluation system, [*Tübitak*](https://www.tubitak.gov.tr/en) *teydeb 1507)* | Evstek | Computer Vision Eng. | December 18 | done |
| Image processing based industrial corrugated cardboard counting system | Evstek | Computer Vision Eng. | June 18 | done |

*FO: Ford Otosan*

***Education projects***

|  |  |  |
| --- | --- | --- |
| Name | University | Info |
| Deep reinforcement learning based lane marking detection and localization | GTU | Education project |
| Detecting DDoS attacks in Software-Defined Networks using machine learning | GTU | Education project |
| Real-time lane departure warning system on embedded platform for advanced driver assistance | KOU | University thesis |
| Real-time eye tracking and blink detection for advanced driver assistance systems | KOU | Education project |
| Water level measurement for underwater vehicle | KOU | University clubs project |
| VLSI designing of 16-bit decoder using 0.25µM CMOS technology | KOU | Education project |
| Hacking FM radio stations using Raspberry Pi | KOU | Free time project |
| Rear wing push down system for formula student car | KOU | University clubs project |
| Setup and development for formula student car ECU | KOU | University clubs project |
| Temperature measurement from different points and control from Matlab GUI interface | KOU | Education project |
| Real-time temperature, pressure control from Visual C# interface | KOU | Education project |

*KOU: University of Kocaeli, GTU: Gebze Technical University*

***Members Clubs***

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| --- | --- | --- |
| *Name* | *Position* | *Website / Info* |
| Kocaeli Formula Student | Department of Electric & Electronics | [*facebook.com/KOUFormula*](https://www.facebook.com/KOUFormula) |
| Lucky Fin Underwater Vehicles (ROV) | Embedded System, Image Processing | [*youtube.com/Lucky Fin*](https://www.youtube.com/channel/UCu6VhMWaZ9Dr0gfhkc9WuzA) |

**Course & Certificates**

|  |  |  |
| --- | --- | --- |
| *Name* | *Info* | *Year* |
| [*Modern C++*](https://github.com/necatiergin/Online-Cplusplus-Kursu) | Education | 2020 |
| The Agile Model in SDLC | Education | 2020 |
| Electrostatic Discharge | Education | 2018 |
| University of Kocaeli Honor | Certificate | 2017 |
| Microcontroller Programming using Embedded C | Education | 2017 |

**Additional Information**

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| *Hobbies* || *Membership* | *Club* || *Location* |
| Football | Street |
| Trekking / Swimming | Earth |
| Automobile sports supervisor | Tosfed (Turkey Automobile Sports Federation) |
| FODAK | Ford Otosan Nature, Mountaineering and Winter Sports Club |