

Gokce Onen

✉ gonen@vt.edu • 🌐 github.com/owlswollen • 🔗 linkedin.com/in/onengokce

Fields of Interest: Control, Machine Learning, Optimization, Soft Computing.

Education

Virginia Polytechnic Institute and State University, Blacksburg, VA <i>PhD in Electrical and Computer Engineering</i>	2020 - Present
Dokuz Eylul University, Izmir, Turkey <i>BS in Computer Science</i>	GPA: 4.00/4.00 2015 - 2019
Izmir University of Economics, Izmir, Turkey <i>Psychology</i>	2009 - 2013

Work Experience

Virginia Polytechnic Institute and State University <i>Graduate Research Assistant</i>	Blacksburg, VA 08/2020 - Present
Krontech <i>Software Engineer</i>	Izmir, Turkey 09/2019 - 08/2020
The University Of Texas at San Antonio <i>Intern at Autonomous Control Engineering Laboratories</i>	San Antonio, TX 07/2018 - 08/2018

Honors & Scholarships

- Ranked 1st among all graduating students in Class of 2019
Dokuz Eylul University, Izmir, Turkey 2019
- Summa Cum Laude
Department of Computer Science, Dokuz Eylul University, Izmir, Turkey 2019
- Honor Scholarship for Undergraduate Students
Izmir University of Economics, Board of Trustees, Izmir, Turkey 2008 - 2013
- Scholarship Program for Undergraduate Students
TUBITAK, The Scientific and Technological Research Council of Turkey 2008 - 2013
- Placed 2015th out of 1.5 million students in National University Entrance Exam 2008

Personal Projects

- Autonomous Car Simulation using Genetic Algorithm with Neural Network on Unity 3D. [Link](#)
- A fantasy map generator application integrated with Google Maps APIs. [Link](#)
- Classification of MNIST data set by Learning Vector Quantization 1, 2 & 3 methods. [Link](#)
- A Data Encryption – Decryption and Signature Application. [Link](#)
- Sentiment analysis of Turkish entries from social networks with Binarized Multinomial Naive Bayes. [Link](#)
- A Travelling Salesman Problem solver with Genetic Algorithm. [Link](#)
- A linear programming solver with Simplex method using MPS format. [Link](#)
- A search engine attempt using TF-IDF method for the websites of universities in Izmir, Turkey. [Link](#)