



# Ali Tolgahan DİKICI

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Konya, Turkey | 01 January 1995  
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## PROJECTS

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### Analysis of Algorithms Project;

- Using Java, Dynamic Huffman and Static Huffman algorithms applied to ten .txt files, calculated compression ratios and running times and results plotted.

### Java Automation Projects;

- Using JSF,Primefaces,Xampp designed Gallery Automation.
- Using JSF,Primefaces,Xampp designed Hospital Automation.

### Python Projects;

- Developed a Telegram Bot that shows weather forecast for given location.
- Developed a port scanner script using socket module in Python.

### Semantic Web Projects;

- Using Python, developed a Telegram Bot that creates a Sparql query and returns data from the ontologies according to the user's request.

### Senior Design Project;

- Developed Image Steganography software using Python and Flask.

### Database Management Project;

- Designed of school management system's database using Oracle Sql Developer.

### Digital Image Processing Project;

- Using three Visual Attention Models in Matlab, evaluated Image Quality of images which are different formats such as Gassian Blur, White Noise and Bit Errors for JPEG200 in LIVE IMAGE DATABASE.

### Neural Network;

- Created a artificial neural network for different hundred days, trained network to guess weather of future using Matlab.

### Digital Systems Project;

- Designed a calculator that capable of calculating four operations on binary system.

### Object Oriented Programming Project;

- Vehicle inspection using C# and Object Oriented Programming.

## WORK EXPERIENCE

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MAY 2018 SEP 2017	Co Founder at KTO CYBER SECURITY, Konya <i>Cyber Security</i> Organizing workshop about cyber security, software languages and daily technology. Testing vulnerabilities.
MAY 2018 JAN 2010	Sales Manager at Bio Elektronik, Konya <i>Department of Electronic Devices</i> buying wholesale of electronic devices, wholesaling of electronic devices, marketing on internet, pricing of products.
APRIL-JUNE 2017	Educator at PUBLIC EDUCATION CENTER, Konya <i>Software Department</i> Given education to students about Java software language.
SUMMER 2017	Summer Intern at ENTEGRE YAZILIM, Konya Installed Dynamic CRM 365 on a server. Using Web Services and Plug-in, designed it.
SUMMER 2016	Summer Intern at FARDA YAZILIM VE DANISMANLIK, Konya Web Application and automation using Java Server Faces and Primefaces.

## EDUCATION

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OCT 2016 - FEB 2017	Computer Science in, <b>Politechnika Lubelska</b> , Poland GPA: 3.70/4
SEP 2013 - JUNE 2018	Computer Science in, <b>KTO Karatay University</b> , Konya GPA: 3.20/4
SEP 2012 - JUNE 2013	High School, <b>Muhittin Guzelkilinc High School</b> , Konya GPA: 68/100
SEP 2009 - JUNE 2012	High School, <b>Sarayönü Anatolian High School</b> , Konya GPA: 72/100

## SCHOLARSHIPS AND CERTIFICATES

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SEP 2018	16th Place in offline final of STMCTF'18 as "NoName" by STM
SEP 2018	25th Place in online Pre-selection of STMCTF'18 as "NoName" by STM and qualify for the offline final.
SEP 2018	4th Place in The HACKISTANBUL Competition as "Burnthat" at The TEKNOFEST Festival
MAY 2018	Participation Certificate of "Python for Hackers" in Hacktrick 2018 by Information and Communication Technologies Authority
APRIL 2018	Organization Certificate of Siber Guvenlik Zirvesi'18 in Konya
NOV 2017	Organization Certificate of 81 Ilde 81 Milli Hacker in Konya
APRIL 2017	Participation Certificate of "practical penetration testing" in Hacktrick 2017 by Information and Communication Technologies Authority
OCT 2017	Participation Certificate of STMCTF 2017 Competition by STM
DEC 2016	Certificate of Internet of Everything course by Cisco Networking Academy
DEC 2016	Certificate of Introduction to Cybersecurity course by Cisco Networking Academy

## LANGUAGES

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TURKISH:	Mothertongue
ENGLISH:	Fluent
GERMAN:	Basic Knowledge

## COMPUTER SKILLS

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Basic Knowledge:	ORACLE SQL, SIEM, MONGODB, ARDUINO, WEB SERVICES LaTeX
Intermediate Knowledge:	NETWORK SECURITY, C#, LINUX, C++, PYTHON, DJANGO, FLASK, MATLAB, JAVA, NETWORK DESIGN, HTML, CSS, ACTIVE DIRECTORY, <b>Object Oriented Programming</b> , <b>JavaServer Faces</b> , <b>Primefaces</b> , MICROSOFT DYNAMIC CRM, KALI LINUX, Microsoft Office

## INTERESTS AND ACTIVITIES

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Cyber Security, Technology, Open-Source, Programming  
Research, Football, Travelling