SİBER SAVAŞ VE TÜRKİYE'NİN SAVUNMA GÜCÜ

Buğra Yüksel, M.Sc. in Cyber Security

ÇANAKKALE ÜNİVERSİTESİ
1992
DENİZLİ

2023
TUGAY SİBER SAVUNMA SİSTEMLERİ A.Ş.

Who am I?

Buğra Yüksel

M.Sc. in Cyber Security

Turkish National Defence University, 2023

- Certified Ethical Hacker (CEH)
- Offensive Security Certified Advanced Web Attacks and Exploitation (OSWE)
- Turkish Standards Institution Certified Penetration Test Expert (TSE)

https://ch.linkedin.com/in/byuksel

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Companies

Kodpit Teknoloji A.S.
Pamukkale Teknokent, Denizli

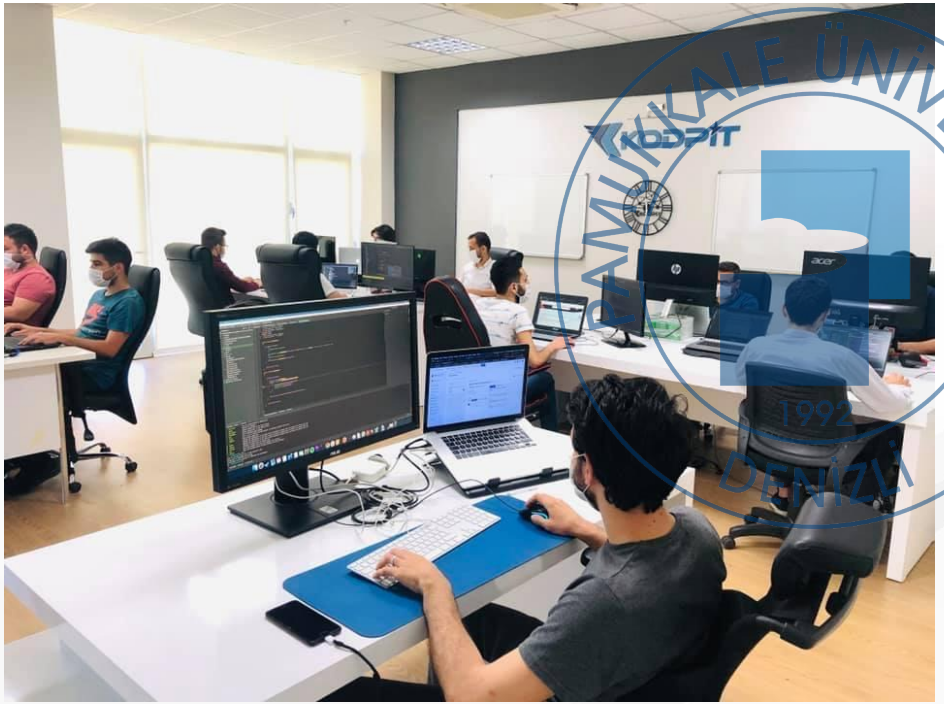
Tugay Siber Savunma Sistemleri A.S.
Teknopark İstanbul, İstanbul

secpire AG
Zurich

Coding A.S.
İTÜ 1773 Teknopark, İstanbul

Agile and Dynamic

Team



40 IT Experts

- Software Engineer
- Computer Engineer
- Industrial Engineer
- Mechatronic Engineer
- Electric & Electronic Engineer
- Other Areas
  - UI/UX Design
  - Informatics
  - Finance

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Who is TUGAY?

- TEKNOPARK İSTANBUL
- CYBER SECURITY TECHNOLOGIES
- PENTEST (PENETRATION TEST)
- SECURE CODE DEVELOPMENT TRAINING & SERVICES
- MONITORING & SOC OPERATIONS
- GDPR / DSGVO CONFORMITY
- DOCUMENTATION (ISO 27001, ISO 27701)
- CORPORATE TRAININGS

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Teknopark İstanbul

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Our Certificates

TUGAY

Cyberwarfare

Cyberwarfare is the use of cyber attacks against an enemy state, causing comparable harm to actual warfare and/or disrupting vital computer systems. Some intended outcomes could be espionage, sabotage, propaganda, manipulation or economic warfare.

- Attacking Target Systems
- Asymmetric Warfare
- Intelligence

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Critical Infrastructure

- Armed Forces and Intelligence Services
- Nuclear Facilities, Oil and Natural Gas Lines
- Aviation and Satellite Systems
- Banking Transactions
- Subways, Train Lines and Traffic Lights
- Electricity Distribution Network

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World Wide Samples

- Stuxnet (Iran)
- WannaCry
- SolarWinds
- Ukraine
- Estonia

HERON

Unmanned Aerial Vehicle (Israel)

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Unmanned Aerial Vehicle (Türkiye)

F16
Fighter Jets (USA)
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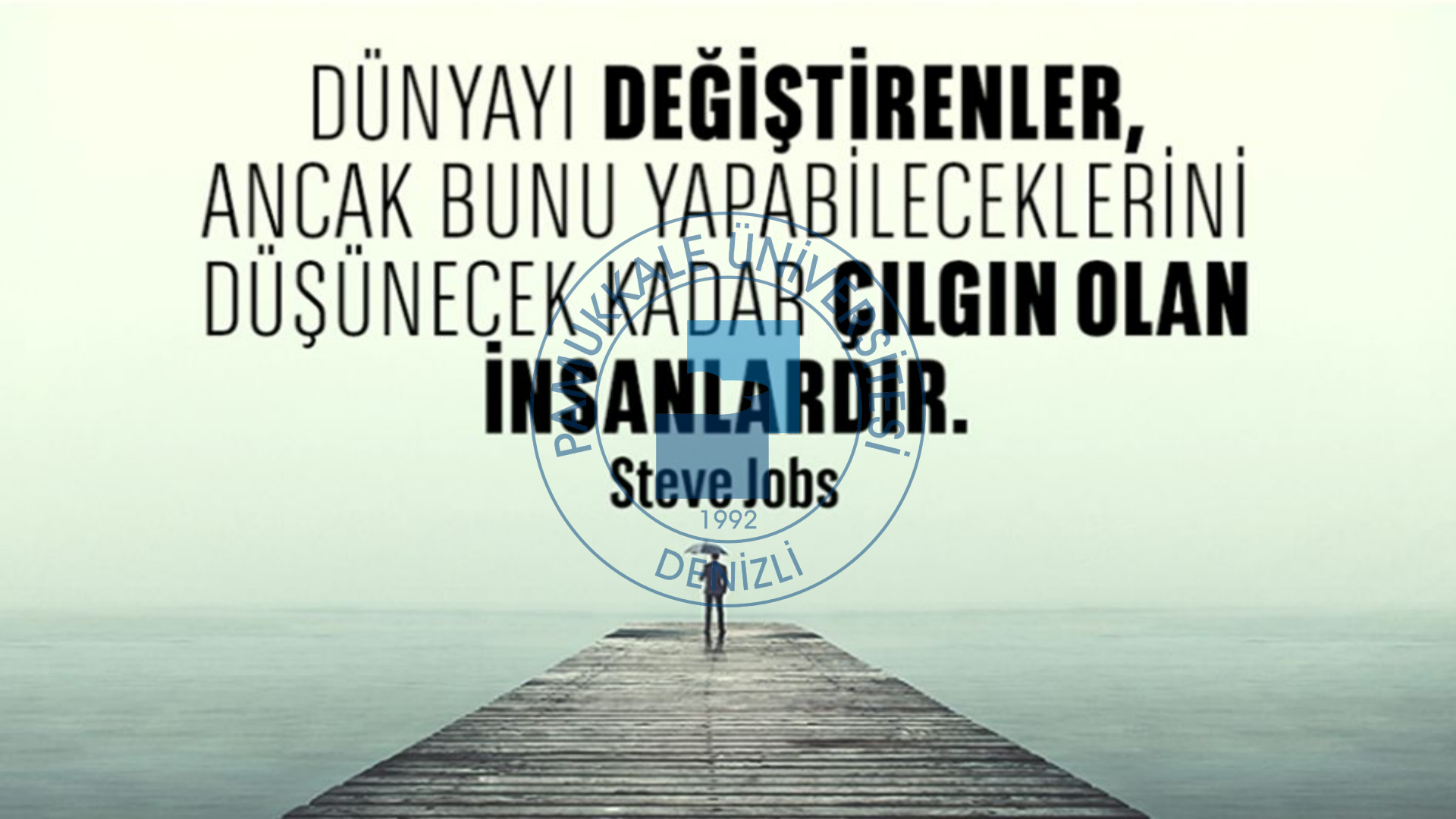
Buddy / Friend System

F16 Nationalization

IFF (Identification Friend and Foe) re-developed by Aselsan Engineers

WhatsApp


DÜNYAYI DEĞİŞTİRENLER,
ANCAK BUNU YAPABİLECEKLERİNİ
DÜŞÜNECEK KADAR ÇILGIN OLAN
İNSANLARDIR.
Steve Jobs
1992
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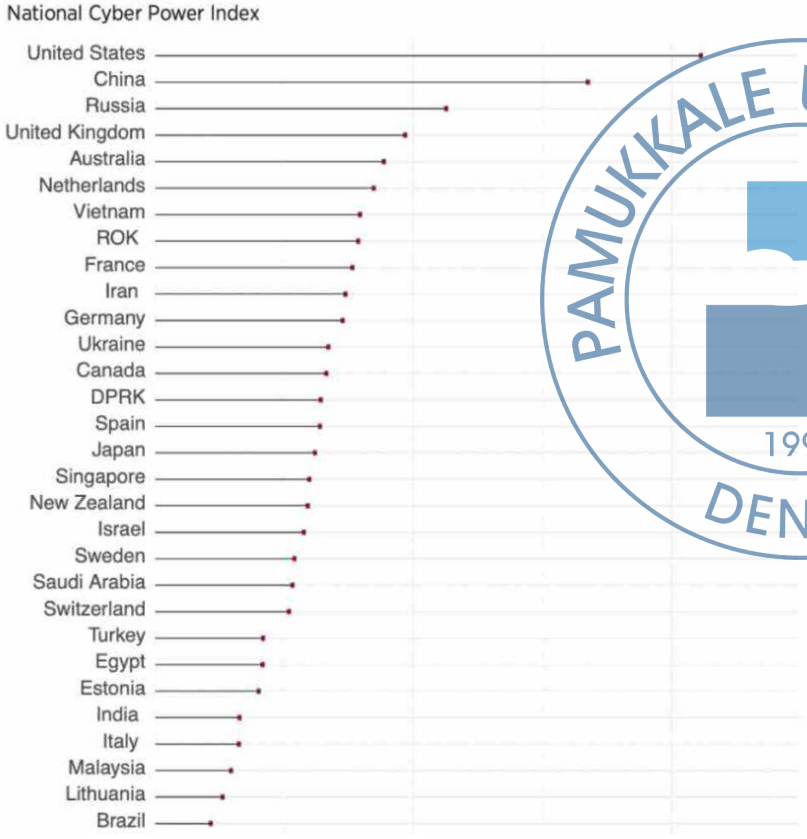
Cyber Power of Türkiye

- USOM / BTK
- TÜBİTAK
- TSK Cyber Defense Command
- Cyber Cluster
- Universities
- Hacker Groups
- Other?

Index

Cyber Power of Türkiye



Rank	2020	2022
1	US	US
2	China	China
3	UK	Russia
4	Russia	UK
5	Netherlands	Australia
6	France	Netherlands
7	Germany	ROK
8	Canada	Vietnam
9	Japan	France
10	Australia	Iran

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Roadmap

What do we need?

- Antivirus
- Firewall
- VPN
- Network Devices
- Operating Systems
- Instant Messaging
- Social Medias
- ERP Systems

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Target Audience

- Governments
- Companies
- Organizations
- Universities
- High Schools
- Individuals

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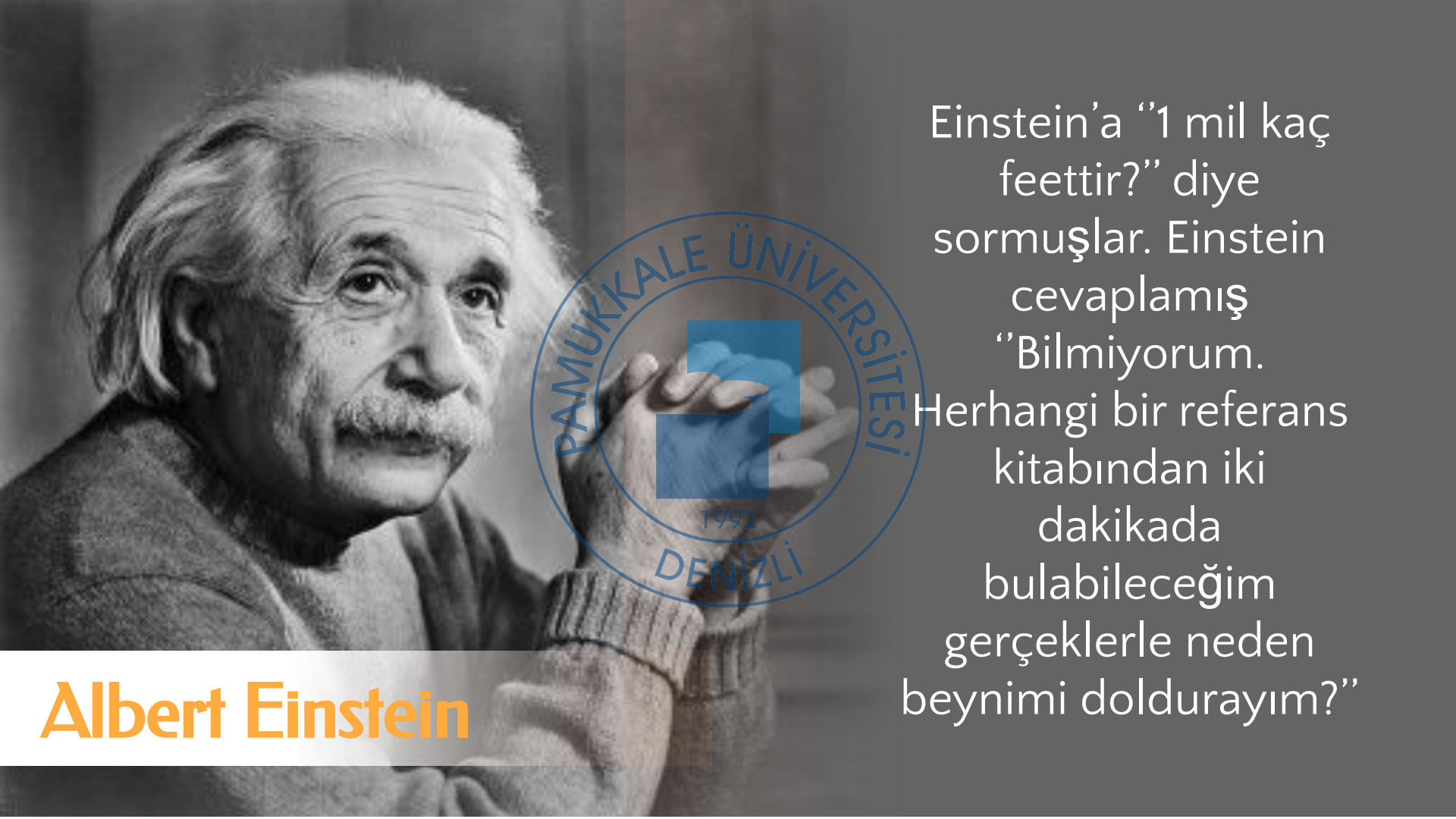

Einstein'a ''1 mil kaç feettir?'' diye sormuşlar. Einstein cevaplamış ''Bilmiyorum. Herhangi bir referans kitabından iki dakikada bulabileceğim gerçeklerle neden beynimi doldurayım?''

Albert Einstein

Q&A

Questions

CONTACT

Address :

Sanayi Mahallesi Teknopark Bulvarı
Teknopark 4A Apt. No:1/4A/101
PENDİK / İSTANBUL/ TÜRKİYE

E-Mail :

info@tugay.com.tr

Web Site :

www.tugay.com.tr

Phone :

+90 (216) 606 44 77

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