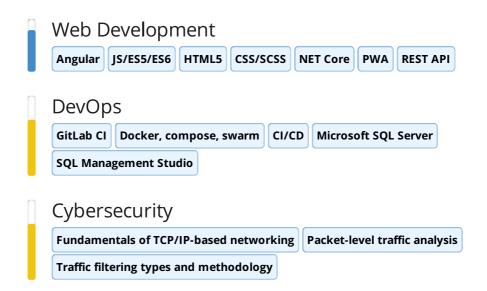# Andrew Ryzhkov

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https://github.com/orangeeez

Liable engineer, well-experienced in fullstack web development with a bias in cybersecurity. 5 years experience in Cyber Security Center of the MoD. Knowledge of patterns, best practices. **Angular**, **C#**, **NET Core** skills

SKILLS

Web Development

`Angular` `JS/ES5/ES6` `HTML5` `CSS/SCSS` `NET Core` `PWA` `REST API`

DevOps

`GitLab CI` `Docker, compose, swarm` `CI/CD` `Microsoft SQL Server` `SQL Management Studio`

Cybersecurity

`Fundamentals of TCP/IP-based networking` `Packet-level traffic analysis` `Traffic filtering types and methodology`

EMPLOYMENT

Cyberscurity senior officer of information systems, Cyber Security Center, Ministry of Defence

2015-02 — Present   │   Angular NET Core C# Web development Docker CI/CD PWA

I was responsible for integration between SIEM systems and Cyber Security Center API (which was developed by me). I was providing full CI/CD support for solutions including Docker technologies

- Was a part of team which is developed **SIP Server** implementation for secure networks in MoD and using nowadays.
- Developed and implemented **Cyber Security Center API** based on Angular & NET Core

stack for structuring and centralized management.
- Was responsible for continuous integration & development of **Cyber Security Center API** and providing **Docker** support
- Managed GitLab server & CI/CD automation in Cyber Security Center overall
- Participated in international excercises (Ambermist 2019, Vilnius, Lithuania. CWIX 2018, Bydgoszcz, Poland).
- Graduated from Naval Postgraduate School, Monterey, CA, USA. Curriculum: 257.

EDUCATION

Master, Military Institute of Telecommunications and Informatization the name of Heroes of Kruty (former KPI)

2010-09 — 20015-02 │ Data Algorithms Optimization Neural Networks C C++ Java HTTP TCP/IP Delphi

Graduated of Institute of Telecommunications and Informatization, winter of 2015. In diploma project presented to the commission I developed virtual simulator of a modern radio station using WebRTC & WebGL technologies, which was used by student for educational purposes mowdays.

Non-diploma, Naval Postgraduate School, Monterey, CA, USA

2018-06 — 20019-06 │ Secure Management of Systems Network Security Network Vulnerability and Risk Mitigation Introduction to Computer Security Network Traffic Analysis Computer Forensics

Recevied graduate certificate provided a rigorous foundation upon which to build knowledge and skills in computer network defense, attack and exploitation and detailed understanding of, and ability to, function in real operational situations involving cyber security.

Certificate, NATO SCHOOL, Oberammergau, Germany

2016-04 — 2016-06 │ Vulnerability assessment Risk mitigation

Successfully completed M6-109 Network Vulnerability Assessment & Risk Mitigation Course at the end of which passed the **Certified Ethical Hacker Certification**

SAMPLES

Cyber Security Center API

2019-01

CSC API as structural & centralized management system.

UAF-SIP Server

2016-01

SIP Server developed for MoD. Implementation of RFC3261

sweetskin.kiev.ua

2019-01

Single page application developed as PWA with service workers & material design.

Boards

2019-01

Single page application was developed with Angular and Laravel stack. One of some projects which was developer via freelance approach. Here is **specification** by customer

READING

Javascript Weekly newsletter

Current

Frontend Focus newsletter

Current

Medium Subscriber

Current

Dandelion Wine, **Ray Bradbury**

Current

RECOGNITION

Certified Ethical Hacker, EC Council

2018

A Certified Ethical Hacker is a skilled professional who understands and knows how to look for weaknesses and vulnerabilities in target systems and uses the same knowledge and tools as a malicious hacker, but in a lawful and legitimate manner

INTERESTS

Soccer

Current

Passionate soccer fan, especially Messi's talent

Traveler

Current

Live with no excuses and travel with no regrets.