Igibek Koishybayev

Web Developer, Software Engineer, Security Engineer, Researcher

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WORK EXPERIENCE

North Carolina State University – Raleigh, NC – *Research Assistant*

AUGUST 2017 - PRESENT

- Published "Mininode: Reducing the Attack Surface of Node.js Applications" in RAID'20
- Organized HackPack CTF in 2019 and 2020

Zerek Group – Almaty, Kazakhstan – *Software Engineer*

MAY 2013 - PRESENT

- Built in–house online dictionary which improved the efficiency of translators
- Automated translation of common documents which increased the number of processed orders
- Developed the corporate website and improved online presence by managing social network pages

Internation Information Technologies University – Almaty, Kazakhstan – *Senior–Lecturer*

JANUARY 2016 - AUGUST 2017

- Introduced for the first time "Cybersecurity" elective course in the department
- Advised students on how to build a company in the "Innovation Lab"

Boston University – Boston, MA – *Teaching Assistant*

SEPTEMBER 2015 - DECEMBER 2015

- Helped students to succeed in the "EC521: Cybersecurity" course

International Information Technologies University – Almaty, Kazakhstan – *Teaching Assistant*

NOVEMBER 2013 - JANUARY 2014

- Helped the students to succeed "OO Programming with Java" course

EDUCATION

North Carolina State University – Raleigh, NC – *Ph.D. in Computer Science (August 2021)*

Boston University – Boston, MA – *MS in Computer Engineering*

International IT University – Almaty, Kazakhstan – *BS in Information Systems*

ACTIVE PROJECTS

- **Topuniver** (https://topuniver.com) – used Laravel, Php, HTML, JavaScript
- **TeaTalks** (https://teatalks.me) – used Laravel, Php, HTML, JavaScript
- **Able Cabinet** (http://ablecabinet.com) – used Laravel, Php, HTML, JavaScript
- **Tusopsi** (https://tusopsi.com) – used ASP.Net Core, C#, HTML, JavaScript

SKILLS

Programming

- *Advanced:* HTML, JavaScript
- *Intermediate*: C#, Php, Python
- *Basic*: C++, C, Java

Technology

Git, Docker, Kubernetes, Laravel, Node.js, ASP.Net Core, Ansible, Vagrant, NoSQL, SQL

CERTIFICATES

- Vanilla JavaScript: Service Workers
- DevSecOps: Continuous Application Security
- Artificial Intelligence for Cybersecurity
- AWS for Developers: S3
- Learning Threat Modeling for Security Professionals
- Threat Modeling Spoofing in Depth
- Programming Foundation: Web Security
- Ethical Hacking with JavaScript
- JavaScript Security Essentials
- Learning OWASP Top 10
- Blockchain Basics