Veselov Konstantin Andreevich

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Education

Higher School of Economics	Moscow, Russia

- Bachelors "Software Engineering" — Sept. 2020 - July 2024

  Relevant courses: Discrete Mathematics, Algebra, Algorithms and Data Structures, C#, Java

Experience

Anabar.ai

- Junior python developer — Aug. 2021 - Now

  `Python` `SQL` `Dash` `FastAPI` `Docker` `Gitlab CI` `Yandex Cloud` `Pytest`

  - Made a CI pipeline that runs tests for one of the main services on Gitlab CI
  - Made notification service: a page on python Dash and an updater module, that aggregates data using complex SQL-query from Trino and sends notifications to Postgres
  - Investigated several cases related to overloaded microservices, bad proxies and changed layout of Wildberries
  - Wrote several asynchronous API endpoints for the browser plugin
  - Found a vulnerability in authorization that could lead to account takeover: passwords was generated by not crypto-resistant random

HSE Lyceum — Moscow, Russia

- Taught an extracurricular course — Oct. 2019 - May 2020

  `Linux` `Nginx`

  - Held a course about CTF, general knowledge of Software Architecture and Linux
  - Maintained a server with checksystem where students can send task answers, and several servers with tasks, written by me and my friends on different frameworks and languages

Projects

- **Attack-Defence CTF for my friends** — 2020

  `Linux` `OpenVPN` `Flask`

  Wrote services, hosted a VPN and a checksystem on cloud vps. One service was written in Flask, another in C

Achievements

- **SPbSU programming olympiad - 2nd grade Prizewinner** — Saint-Petersburg, Russia — 2020

  `Algorithms`

- **Moscow School CTF 2020 - 2 место из 79** — Online — 2020

  `web pentest` `pwn` `crypto`

  Team school cybersecurity competition. In 2020 was held online so teams all over Russia participated

Skills

- Programming languages: Python, SQL, C#. Basic knowlegde: Bash, Java, C++, C, HTML/CSS, php, go

- Know how basic networking protocols work, DNS, HTTP, TCP/IP

- Know a little about how linux kernel works and how programs are executed on a processor

- Technologies: Docker, Nginx, FastAPI, Git, Grafana, Gitlab CI.

- English C1