

Illia Borshch

Software Engineer Intern

📁 Employment History

Software Engineer Intern at Optimised, Bristol

June 2023 — August 2023

- Implemented **over 20 back-end** components and features like **PowerBI migration** with our app using PowerBI JavaScript API, **Microsoft SSO** using Microsoft API. These efforts have resulted in substantial improvements in security, data representation and user experience.
- Communicated and **worked together with a team** of software engineers and data engineers. Learned about work management with the team using Jira software.
- Worked with **SMTP**, **OAuth2** protocols, **OutSystems** framework, **Python Pandas**, **JavaScript**. Learned about **Azure SQL Server**, trunk-based development and web-development, data analysis best practices.

★ Projects

Twitch Bot for Dota 2 streamers.

1. Databuff parser/scraper to retrieve public Dota2 information using Python standart library.
2. Twitch bot which communicates with Twitch API using asynchronous Python Twitchio library.
3. REST API which participates as a link between Web App and Twitch Bot built using Python FastAPI framework.
4. Web Application for users to setup and change bot settings using Python FastAPI. (unfinished)

CRUD REST API.

1. Redis Caching enhanced efficiency of some heavy DB queries.
2. Protected authorisation implemented by OAuth2 protocol using JWT-Tokens,
3. Implemeted background tasks using Flower + Celery

To Do List - Django practise project

1. CRUD operations with TO-DO tasks.
2. Secured authentication using OAuth2 protocol.
3. Social media-like features: you can set your profile as public or search for other people profile to share your tasks and comment on them.

🎓 Education

St. Brendan's College, Bristol

September 2023 — Present

A student of Mathematics, Computer Science and Further Mathematics.

Details

United Kingdom

+447933621085

borsch.fo@gmail.com

Links

[LinkedIn](#)

[GitHub](#)

[LeetCode](#)

Skills

Python FastAPI

MySQL

Networking

Outsystems

Algorithms & Data Structures

JavaScript

C++ STL

Git

⚙ Courses

Computer Networking: a Top-Down Approach. From J.F. Kurose, K.W. Ross and Pearson

C++ programming language, stepik.com

Python software engineer , stepik.com

Android Jetpack Compose developer, udemy.com

Algorithms & Data Structures, stepik.com

SQL practical bootcamp, stepik.com

Computer Graph Theory, stepik.com

Python Flask introduction, stepik.com

★ Olympiads

Silver in Senior Maths Challenge