

Taras Hrytsiv

Software Engineer from Lviv, Ukraine

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EDUCATION

BSc in Computer Science at Ukrainian Catholic University

Start Date: Sept. 2017. Expected graduation: June 2021, Lviv, Ukraine.

Awarded 50% education payment scholarship. Cumulative GPA: 80.8.

Main Courses: Algorithms & Data Structures, Linear Algebra, Probability Theory and Statistics, Object-Oriented Programming, Computer Organization Principles, Databases, Operating Systems.

Robotics Summer School at Tallinn University of Technology

Start Date: June. 2018. End Date: June 2018, Tallinn, Estonia.

3 week studying program with students from all over the world. Results:

- Created an **automatically driving car**, which omits obstacles using different types of sensors.
- Experience in coding **Arduino UNO**.
- Experience in **C Programming**.

PROJECTS

Router Placement, Google Hash Code 2017, Final round

- Project link [here](#). **Google Hash Code problem** solved using two algorithms: greedy and brute force written in **Python** in a team of 2.
- **Short description:** given a building plan, we should put the routers in such way that we spent a minimum amount of money and covered the biggest possible area omitting different kinds of obstacles and conditions.

Results: using greedy algorithm(533033980) – **47th place** at the final [scoreboard](#); using brute force algorithm(545820170) – **7th place** at the final scoreboard.

Bellbot, Telegram Bot

- Project link [here](#). Data Structures course projects, written in **Python** in a team of 2.
- Created for restaurants, which use delivery methods. Allows the client book orders and deliver them to restaurant manager.

STM32, 4-bit Calculator

- Calculator, which is made using micro scheme in a team of 4.
- Executes such operations as addition, subtraction and multiplication.

SKILLS

Upper Intermediate: Python

Intermediate: Flask, HTML/CSS, OOP principles,

Web Development, Algorithms & Data Structures.

Basic: Java, C, Django, R, JS, Git, STM32.

Participation

[UCU Open Day](#)

Responsible for presenting studying program to others.

[UCU Hackathon](#)

Bot development.

VOLUNTEER

Data Science Summer School 2018, Lviv, Ukraine

LANGUAGES

English: certified B2(FCE), actual C1

German: certified B1(Goethe Zertifikat), still learning

Ukrainian, Russian: fluent