SERHII HORBONOS

STUDENT

CONTACT

- +447934564910
- serhii.horbonos@gmail.com
- 25 Roseangle St. Dundee
- LinkedIn

TECH SKILLS

- Java, HTML, CSS, C++, Python
- Intellij IDEA, CLion, WebStorm
- Bootstrap 5

SOFT SKILLS

- Time Management
- Leadership
- Critical Thinking
- Single-minded focus
- Unwavering dedication
- Teamworking

LANGUAGES

- Ukrainian (Native)
- Russian (Native)
- English (Advanced)
- German (Basics)
- Japanese (Basics)

HOBBIES

- Reading
- Colanging
- Worldbuilding
- Writing
- Learning foreign languages
- Music

PROFILE

I consent to the processing of my personal data. I am a confident graduate who has successfully completed school with honors, speaks several languages, and is passionate about programming, art, and linguistics. After transitioning to a new university, my commitment to active learning and personal development remains unwavering. Continuously seeking out new experiences, I embrace challenges as opportunities for growth and exploration. My multifaceted interests drive me to excel academically while also fostering creativity and innovation in various fields. As I embark on this new chapter, I am eager to immerse myself in diverse academic pursuits and contribute positively to the vibrant university community. With a strong foundation in academic achievement and a fervent dedication to continuous improvement, I am poised to make meaningful contributions both inside and outside the workspace.

EXPERIENCE

Project: "RNP Calculator"
- developed and implemented the reverse polish notation converter and reader by using "stack"
- created the menu function system

Project: "Topographic map generator"
- created the map analyser with use of computer vision.
- optimised with multithreading.

Project: "Version Control System"
- created the searching through directories function with unix commands
- multiple repositories handling

Project: "DOOM like game"
- created the converter from 2D to 3D map
- implemented ray-marching, ray-casting
- achieved the fps boost by optimizing the render functions

VISA

Type: Ukraine Extension Scheme
Work Limit 40 hours p/w

EDUCATION

- **University of Dundee**
  Computing Science
  - Java, Unix Systems, Embedded System and Networking, Web Development, Mathematics

<div align="right">2023 - PRESENT</div>

- **Nottingham Trent University**
  Computer Science
  - C++, Python, Web Development, Networking, Mathematics, SQL and Database Fundamentals

<div align="right">2022 - 2023</div>

PROFESSIONAL DEVELOPMENT

Linguistics

Currently, I'm deeply engrossed in advancing my understanding of linguistics. My primary focus is on exploring the intricate workings of languages, particularly their grammatical structures and phonetic intricacies. I'm captivated by the significance of linguistics in unraveling the mysteries behind human communication and language evolution. Delving into the realm of linguistic logic, I'm driven by the quest to decipher the underlying principles that govern languages, thus enhancing my proficiency in mastering various linguistic frameworks.

Programming

Currently, I'm focused on developing my programming skills, particularly in Java. I find it enjoyable to combine my interests with practical applications, so I've been creating modifications for the game Minecraft. Since Minecraft utilizes the Java programming language, I'm honing my skills by creating mods and gaining hands-on experience with Java.

Current courses

- 100 Days of Code: The Complete Python Pro Bootcamp
- The C++20 Masterclass : From Fundamentals to Advanced
- JPMorgan Chase & Co. Software Engineering