

Carlos Brat

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EDUCATION

UNIVERSITY OF SOUTHAMPTON

MENG COMPUTER SCIENCE

2019-2023 | Southampton, UK

First Year CGPA: 80%

Second Year CGPA: 72%

ICHB

2015-2019 | Bucharest, Romania

Romanian Baccalaureate: 96.4%

LINKS

Github: *Carlos Brat*

LinkedIn: *Carlos Brat*

MODULES

UNDERGRADUATE

Software Engineering

Algorithmics

Programming

Distributed Systems & Networks

Intelligent Systems

Principles of Cyber Security

Data management

Programming Language Concepts

SKILLS & INTERESTS

PROGRAMMING

Experienced:

Java • Python • JavaScript • Java Swing

HTML • CSS • GIT • SQL • Bash • Haskell

Familiar:

C++

TOOLS & APPLICATIONS

Jira • Figma • Visual Paradigm

IntelliJIDEA • Visual Studio

OPERATING SYSTEMS

Windows • Linux • UNIX

LANGUAGES

Proficient English • Native Romanian

Beginner Japanese

INTERESTS

Mobile and Computer Games • Football

Stock market • E-business

CERTIFICATIONS

University of Michigan & Coursera

Python for Everybody

Introduction to HTML5

Introduction to CSS3

EXPERIENCE

MONIROM TRADING | SOFTWARE DEVELOPER

Sept 2020 - Present

- Assisted with the management of the commercial website, handled communications with other companies regarding the online business and its development and I am actively helping with the development of a new descriptive website for a firm within the company.
- Developed and introduced automated solutions that reduce/retire manual activity overhead for the General Manager and the accountants using Python.

WIREDVIBE | SOFTWARE ENGINEER - HTML, CSS & JAVASCRIPT

August 2021 - Present

- Worked on the development of the web app, being in charge of the design and creation of new features besides updating existing ones.

PROJECTS

ADMONITOR | JAVA, JAVAFX & JAVA SWING

Feb 2021 - May 2021

- Developed an application for analyzing and displaying data stored in CSV files, gathered from ad campaigns, in a user-friendly and clear dashboard using Java Swing and JavaFX for programming a modern GUI and Figma for designing it.
- Participated in a team of 6, collaborated closely with a client, and followed agile methodology.
- Assisted with the front-end and back-end integration, coordinated the team during the documentation process for each sprint and supervised the team and client communication in stressful situations.

DISTRIBUTED STORAGE SYSTEM | JAVA

April 2021 - May 2021

- Engineered a scalable distributed storage system that uses TCP connections for networking in Java and supports concurrent requests from clients.
- Ensured scalability by having clients get files from the specific data store and solved concurrency issues using locks and multi-threading.

CORONAVIRUS DATABASE | SQL

May 2020

- Computed an SQLite database to represent Coronavirus data from an Open Data Source involving creating and normalizing a database to hold the data from a dataset and constructing queries to perform simple analysis.

OTHER EXPERIENCE

INTERNSHIP EXPERIENCE UK: TECHNOLOGY

July 2021

- Participated in a 3-day experience where I successfully completed a coding work sample from Google and acquired industry-related skills through workshops with representatives from leading companies in Technology.

INFOMATRIX INTERNATIONAL COMPUTER PROJECT COMPETITION

JURY ASSISTANT | VOLUNTEER

February 2018

- Welcomed and registered participants while distributing welcome packages and provided support as a jury assistant by managing match results and organized a schedule of matches to fit the duration of the competition.