

Dina Sergiu

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github.com/sergiu-dina | sergiu-dina-portfolio.netlify.app | linkedin.com/in/sergiu-dina

EDUCATION

TECHNICAL UNIVERSITY OF DENMARK

MSc IN COMPUTER SCIENCE AND ENGINEERING

Aug 2021 - present | Copenhagen, Denmark

POLYTECHNIC UNIVERSITY OF BUCHAREST

BS IN COMPUTER SCIENCE

Sep 2017 - July 2021 | Bucharest, Romania

NATIONAL COLLEGE GRIGORE MOISIL

2013 - 2017 | Bucharest, Romania

SKILLS

TECHNICAL SKILLS

Proficient with:

C# • ASP.NET Core(EF Core, Identity, SignalR, MVC) •
.NET Core(WPF, WCF)
HTML • CSS • Bootstrap • JavaScript • TypeScript •
SQL Server • MySQL • Git

SOFT SKILLS

Outstanding:

Bilingual Communicator (English, Romanian) • Public
Speaker • Team Member • Motivator • Leader

CERTIFICATIONS

Cambridge English: Advanced (C2 level)

Psycho-Pedagogical Module (didactic module)

ECCPR (Programming Certificate Exam)

EXPERIENCE

EXE SOFTWARE | JUNIOR SOFTWARE DEVELOPER

May 2021 - July 2021 | Bucharest, Romania

- I was part of the Support Team and worked on implementing new functionalities in existing desktop and web applications.

SIE | SOFTWARE DEVELOPMENT INTERN

June 2020 - Sep 2020 | Bucharest, Romania

- Developed software applications for PC, learned about algorithms, cryptography schemes, client-server architecture, databases
- Secured the communication between a system's users

MARCTEL SIT | ELECTRONICS ENGINEER INTERN

June 2019 - Sep 2019 | Bucharest, Romania

- Diagnosis under laboratory conditions of a telecommunication system's elements identified to be malfunctioning, the recovery of those elements, testing during the repair process and the final testing of the equipment/module/repaired unit
- Diagnosis and repair of optical fiber welding equipments and the functional verification of the equipments.

TECHNICAL PROJECTS

PROJECT SUPPORT | WEBSITE | GITHUB

June 2021 | Bucharest, Romania

- This application is a project management web application. The main components used for managing projects are: tasks, resources, dependencies and costs. For every project, this informations can be seen in a Gantt Diagram
- Role based security system. The roles of Admin, Manager and Developer restrict what the user can see and do
- The app also has a real time chat and notifications system
- The application was built with ASP.NET Core MVC together with EF Core and SignalR. The front end was developed with HTML, CSS, JavaScript and TypeScript. The database was built with SQL Server and the app is hosted on Azure.

BUG TRACKER | GITHUB

Oct 2020 | Bucharest, Romania

- Built a bug tracking system that lets you keep track of software bugs in development projects
- The application was built with ASP.NET Core, MVC and C#. The front end was developed with HTML, CSS, Bootstrap and JavaScript. The database was built with SQL.

SORTING VISUALIZER | WEBSITE | GITHUB

Sep 2020 | Bucharest, Romania

- Built JavaScript, CSS and HTML application for visualizing sorting algorithms
- Implemented Merge Sort, Quick Sort, Selection Sort, Insertion Sort and Bubble Sort

SECURE CHAT APP | GITHUB

August 2020 | Bucharest, Romania

- In this project I created an app for secure communication, using a client-server architecture
- The programming language used for this project is C# and in order to create the app, I used different .NET frameworks, such as WCF, WPF and EF
- The communication between server and client is of type TCP full duplex and it is secured using AES. For the key exchange between clients I used Diffie-Hellman with elliptic curves.

VOLUNTEERING

SCHOOL OF VALUES | VOLUNTEER

2014 - 2017 | Bucharest, Romania

- Led a team of 20 volunteers at the "The Color Run Night" - September 2015 event, coordinating the Support Team
- I have been involved in different stages of organizing an event, such as: fundraising, searching sponsors and creating the schedule for a large number of volunteers
- Helped, as a volunteer, at the planning and organization of the following events: The Color Run - September 2014, The Color Run - April 2015, Wings for Life World Run - 2015, The Color Run - April 2016, "Gerar" Half-marathon - January 2016
- Participation in the Youth Run Romania program, at the end of which I ran a half-marathon at the Bucharest Marathon 2015