

# ALEXANDRU-DANIEL IFRIMENCO

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Website

in LinkedIn

GitHub

## EXPERIENCE

### Full Stack Developer

#### delaware

April 2022 – May 2022

Ghent, East Flanders, Belgium

### .NET Developer

#### Essensys Software

October 2020 – January 2022

Bucharest, Romania

- Contributed to the World Health Organization COVID-19 Vaccine Distribution Platform (WHO ACT) which has helped the organization deliver over 1 billion COVID-19 vaccines to the world.
- Architected and built a production deployed system for large financial sector client in Romania. The system mapped web application URLs to SEO friendly ones with the possibility of configuring certain SEO specific tags.
- Engaged in the recruiting activity

## PROJECTS

### MeCrypt

#### Bachelor's Final Thesis

- Messaging Application based on the concept of End-To-End Encryption
- Inspired by the Signal Protocol, which is used by applications like Signal and Whatsapp
- Made using the .NET Suite (.NET 5, EF Core, SQL Server) + React.JS
- Real Time Communication made possible with Signal-R
- Learned how to work with Algorithms Such as RSA, PBKDF2, SHA-256 and Advanced Encryption Standard
- Contains a Secret Sharing Component implemented using Shamir's Secret Sharing Scheme
- Learned how to Authenticate an actor using Json Web Token

### Hospital Scheduling Application

#### Essensys Internship Final Project

- Serves as an Appointment Application for Medics and Patients
- Made using .NET Technologies + MVC
- Learned how to develop a Full Stack Application from a basic project Structure
- Learned about Software Developing Concepts such as DTOs, Dependency Injection and Domain Driven Design

## ACHIEVEMENTS & CERTIFICATIONS

### Bronze Medal

#### Romania's National Olympiad in Informatics

April 2017

Brasov, Romania

### Microsoft MTA 98-361

#### Software Development Fundamentals

October 2021

Bucharest, Romania

## EDUCATION

### B. Sc. in Informatics

#### University of Bucharest, Faculty of Mathematics and Computer Science

Oct 2018 – Jun 2021

## SKILLS

#### Soft Skills

Teamwork

Leadership

Communication

Flexibility

Abstract Thinking

#### Programming Technical Skills

Algorithms

Data Structures

Object-Oriented Programming

Web Development

Cryptography

#### Programming Languages & Frameworks

C#

JavaScript

C/C++

SQL

JAVA

Python

React

HTML & CSS

#### Development Tools

Visual Studio

VS Code

Git

Azure DevOps

#### Languages

Romanian

English

## VOLUNTEERING

### Human Resources & Fundraising Volunteer

#### Mathematics and Computer Science Students Association

October 2018 - Jul 2021

### Workshop Tutor

#### CodeKids Fest 2021

December 2021

## MISCELLANEOUS

#### Interests & Hobbies

Science

Economy

Environment

Photography

Music