

ONITIU COSMIN-STEFAN

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EXPERIENCE

Software Engineer, Morgan Stanley

June 2021 — Present

Focused on developing and supporting a large scale application that share-holders use for Trading and Risk Management

- Execute full software development life cycle (SDLC), based on the requirements of the shareholders. (The cycle's start point is the trader, who is included in all phases, including testing)
- Plan out the timeline, the risk assessment and create a regular feedback loop with the clients
- Document and maintain software functionality, by examining the codebase of the application, re-factoring the code and adding new functionality through modern APIs
- Reduce the load of the application by improving algorithms, and moving our individual services on dedicated hosts provided by the company (Reduced the load on the application by almost 10% and improved trade delays by 5 seconds)
- Mentored peer engineers on development and best practices (Regular knowledge share sessions within the team)

Technologies: C++, Python, Scala, Perl, Git, Jenkins, Bash, Unix

Intern, OSF Academy Internship (Node.js Project)

May 2021 — May 2021

- Internship offered by OSF Digital, which included a 1 month learning period of the basics of web development while creating an ecommerce based on given endpoints for data inputs.
- The internship was done in a group format, and taught us workign together and sharing information as well

Technologies: JavaScript +HTML + CSS Basics, jQuery library, AJAX, Bootstrap, Node.js, Express, Mongo and REST APIs

Intern, Siemens

March 2019 — May 2019

- Working together with a task-force team to creeate a control-access system
- Using a set of developing tools including Microsoft Visual Studio (Using C++)
- Creating an virtual interface using a cross-platform software (Qt)
- Focusing on Object Oriented Programming
- Creating and maintaining the connection between the main program and a database made with MySQL
- Porting the application on a tablet for ease of use and security reasons

Design Engineer, Multimetal Tech.

November 2020 — April 2021

- Creating the conceptual design, the preliminary design and the prototype for different metal structures and/or equipment
- Coordinating the existing teams of production and organizing them by efficiency and procedure
- Optimization of projects, FEM and CFD analysis for a safety scope, improvement of costs and used material
- Efficient communication within the workforce to speed up the processes
- Creating technical drawings in SolidWorks and AutoCAD in an organized manner
- Organizing the projects and innovating the existing systems

Financial Consultant, OVB Allfinanz

October 2020 — May 2021

- Identifying sales opportunities for all the products and services of OVB Romania, oriented towards individuals
- Offering a consultancy to the client, concerning their main objectives and needs and advising for a specific financial tool
- Increasing the client portofolio and the volume of business together with a direct sales team
- Collecting information and documentation related to the products offered
- Maintaining a close connection with the clients throughout the whole collaboration
- Participation in different social projects and activities
- Participation in professional and personal development courses

EDUCATION

Transilvania University, Bachelor in Aerospace Engineering

2016 — 2020

Bachelor's Thesis - Software and hardware design of a rescue drone

- The thesis was offered the support of the university through project funding
- Creating and using simulating the networking of the drone using network tools (OPNET)
- Programming the active components of the drone and control module (NodeMCU) using coding languages (Arduino)
- Designing, analyzing, testing and 3D printing original components, including a tested aerodynamical case (using SolidWorks, Ansys, AAA, etc.)
- Testing the created hexacopter in different conditions and loads

CURRENT PROJECTS

thegodmenu.com

- Based on the MERN stack, build a recipe/diet planning social responsive web application
- Technologies: MongoDB, Mongoose, Node.js, Express, Axios (AJAX library), Bootstrap, TailwindCSS, React + Redux, Cloudinary for image hosting API, GoogleAuth

Sanity ecommerce

- Using the customizable Sanity CMS, I have built a dynamic ecommerce webstore, using Stripe for payments
- Technologies: TailwindCSS, React + Next.js, Sanity/Stripe

React Native NFT Marketplace

- A mock marketplace for NFTs designed with React Native, and exported using the Expo service for applications
- Technologies: React Native, React, TailwindCSS, Expo

Kyrptonet

- A React application used to test and learn about the Ethereum Blockchain, using the Web3 package
- Technologies: React, Web3, Ether, Solidity, Smart Contracts, Metamask

SKILLS

- Languages: C++, Python, Javascript, HTML + CSS, Bash, Flutter, Solidity, Arduino
- Frameworks: React + hooks, Redux, NextJS, NodeJS, Wordpress, Bootstrap, TailwindCSS, jQuery, MongoDB + Mongoose
- Tools: Visual Code, Git, Jenkins, Qt

SOFT SKILLS

- Efficient communication and the ability to build social and professional relationships; Distributive attention; Excellent observational skills; Responsibility and autocontrol; High psychological tolerance to stress; Flexible to changes in activities; Self-Learning habits and Go-Get-It attitude; Team-oriented;
- I am a motivated person, with excellent learning and documenting abilities, always ready to learn more, acquire new skills, and dedicate himself completely to his tasks. I prefer to find new challenges in the work done to improve myself.

ANNEXES

- Letters of recommendation

Nr.: 27/15.07.2020

RECOMANDARE

Stimata Doamna / Stimat Domn,

Este plăcerea și onoarea mea să îl recomand pe Domnul Cosmin Onitiu pentru pozitia de inginer in cadrul organizatiei Dumneavoastra.

Personal am colaborat cu Domnul Cosmin Onitiu in perioada iunie - septembrie 2019, in cadrul unui proiect dezvoltat de compania noastra pentru realizarea unui model inteligent 3D, bazat pe scanarea laser a unei instalatii industriale de hidrofinare motorina. Aportul Domnului Cosmin Onitiu a fost transformarea norului de puncte generat de scanarea laser 3D in model geometric, precum si realizarea unei simulari de introducere a unui echipament nou in instalatia existenta folosind modelul digital al acesteia. Rezultatele activitati lui in cadrul echipei noastre au fost excelente, fiind impresionati de implicarea acestuia, capacitatea de analiza si spiritul de echipa de care a dat dovada.

Am încredere că abilitatile Domnului Cosmin Onitiu, seriozitatea și calitățile sale personale îl vor face un atu puternic pentru echipa Dumneavoastra.

Domnul Cosmin Onitiu are recomandarea mea sincera si nu mă îndoiesc că va aduce un plus puternic echipei Dumneavoastra.

Vă rog să nu ezitați să mă contactați dacă aveți întrebări cu privire la candidatura sa pentru o pozitie in cadrul companiei Dumneavoastra.

Cu respect si consideratie,

Ing. Georgian Marzea
Director General



E-mail: georgian.marzea@vision-ec.ro
Phone: +40 724 575621

ATESTAT DE PRACTICA

Studentul Cosmin Onitiu, Facultatea Inginerie Tehnologica si Mangement Industrial, programul de studiu Constructii Aerospatiale, a efectuat un stagiu de practica in institutia/compania noastra in perioada 01.03.2019-21.05.2019, in total 200 ore.

Practica a fost coordonata de catre o persoana desemnata din cadrul institutiei / companiei:

Siemens Industry Software SRL

Numele si prenumele: Husar Calin

Functia: Inginer Cercetator

Tel/ Fax/ E-mail: 0268-310101; calin.husar@siemens.com

Studentul a invatat notiuni legate de programarea orientata pe obiect, mediile de dezvoltare Microsoft Visual Studio si Qt, a contribuit la realizarea unui program de control-acces al vizitatorilor in cadrul institutiei si a fost evaluat cu calificativul: Foarte bine

Alte comentarii: -

DIRECTOR GENERAL,

IRIMIA Petru-Cristinel



COORDONATOR PRACTICA,

HUSAR Calin

