Daniel Visan

Bucharest, Romania

dvsn23@outlook.com   +40746-503-281

danvisan   https://dvisan.github.io

I am a curious, fast learning and open-minded engineering grad student interested in the notable development currently taking place in certain emerging tech fields, such as: e-Health, innovative medical devices, big data & machine learning for healthcare and also rapid prototyping technologies (commonly known as 3D printing) applied in medicine.

SKILLS

Front Web Development
Intermediate

html | css | javascript | wordpress |
adobe photoshop | logo design

Healthcare Informatics
Intermediate

electronic medical records |
network interfaces for medical equipment |
xml schemas |
structured data for medical applications

Modern Web Servers
Beginner

cloud computing | digital ocean |
ubuntu server instances | nginx |
no-sql databases

WORK EXPERIENCE

Jr.Software Analyst at Softeh Plus **April 2016 - June 2017**

https://softehplus.ro

Softeh is one of Romania's biggest healthcare digital solutions provider with over two decades of industry-related experience.

- Performed technical support (e-mail, phone, on-site) regarding our products and the hospital's network;
- Manually tested new builds with the purpose of identifying bugs and providing suggestions regarding fixes and optimizations;
- Carried out the installation and configuration tasks of the E.M.R. software, along with all its modules, dependencies and third-party software;
- Provided the client's staff with the necessary training for the operation and administration of the E.M.R.;
- Created and maintained client's SQL databases;
- Developed responsive medical forms using HTML/CSS and JavaScript with input values (ex: patient details, lab results etc.) automatically imported through SQL queries;
- Aggregated client's specifications and customization needs and presented them in a technical manner to the software development departments;
- Establishing and debugging both physical and network interfaces between the E.M,R. system and various laboratory equipment for the automatic import of medical analysis data into the E.M.R.'s database(s);
- Solved the vast majority of the tasks rated as difficult or highly-difficult within deadlines.

J-1 Exchange Student at Jeff Ellis Management **June 2017 - September 2017**

Summer Work and Travel program in the United States

- My third and last Work and Travel experience;
- Location: Ko Olina, Oahu Island, Hawai'i / U.S.A.

J-1 Exchange Student at Seawane Country & Golf Club **June 2014 - September 2014**

Summer Work and Travel program in the United States.

- Location: Hewlett, New York City / U.S.A.
- Had the chance to live and work for a few months in one of the world's most impressive and diverse cities;
- Helped me achieve new grounds in terms of cultural exchange.

J-1 Exchange Student at Xanterra Grand Canyon South Rim **June 2013 - September 2013**

Summer Work and Travel program in the United States.

- Location: Grand Canyon Village, AZ / U.S.A.
- First Work and Travel experience;
- Interracted with a highly diverse community formed out of both students and residents from more than a dozen countries;

EDUCATION

Engineer's Degree in Medical Engineering at Politehnica University fo Bucharest
2012 - 2016

Major courses: biomaterials | medical devices | healthcare informatics | medical electronics

Grade: 9.25

Summary: For my bachelor's diploma project, I developed an alternative method regarding the design and production of clear aligners through 3D Modelling and SLA fabrication. The examination commission considered the project to be original and very well documented, therefore grading it with the highest grade possible.

Master's Degree in Medical Electronics and Healthcare Informatics at Politehnica University of Bucharest
2017 - 2018

Major courses: medical imaging | medical signal processing

VOLUNTEER

Volunteer at ASIM
November 2012 - June 2014

Medical Engineering Students Association

- Participated in various events regarding the medical engineering academic environment in Romania.

Project Planning and IT Admin at M.E.D. NGO
October 2014 - June 2015

The ASIM student association was succeeded by the MED NGO and labeled itself as a more mature and and industry rather than academic oriented student association.

- Developed and administered the website
- Created artowrk and other media content for various events or programs.

LANGUAGES

Romanian
Native speaker

English
Fluent

INTERESTS

M.L. on Big Data

Skills interested in acquiring: tableau | python | medical applications

Rapid Prototyping

Skills acquired:
stereolithography fabrication | selective laser sintering | direct metal laser sintering

Other

Emerging industries I want to be a part of: rapid prototyping for medicine | big data in healthcare | e-health