



Alin Emilian Hreanean

Date of birth: 18/05/1995 | Nationality: Romanian | Gender: Male | (+40) 0749968105 |

hreaneanalin@gmail.com | <https://github.com/HreaneanAlin> |

<https://www.linkedin.com/in/alin-hreanean-4182711a3/> | <https://hreanean-alin.herokuapp.com/> |

Avram Iancu nr.2, 455200, Jibou, Romania

● WORK EXPERIENCE

13/07/2020 – 21/08/2020 – Cluj-Napoca, Romania

PRACTITIONER – NTT DATA Romania

SAP enviroment and most used transactions.
ABAP forms and functions.
ABAP Object Oriented.
ALV functions and classes.
Smartforms.

13/07/2020 – 04/09/2020 – Cluj-Napoca, Romania

PRACTITIONER – IT-LABS

WEB development: -
CSS/SCSS
Webpack

01/10/2017 – 31/03/2020

BIOCHEMIST – SC. Salvo-San Ciobanca SRL.

Cluj-Napoca, Romania

● EDUCATION AND TRAINING

01/10/2019 – CURRENT – Cluj-Napoca, Romania

POSTGRADUATE DIPLOMA IN COMPUTER SCIENCE – Postgraduate programme in computer science, Faculty of Mathematics and Computer Science, UBB

2017 – 2019 – Cluj-Napoca, Romania

MASTER DEGREE – The Faculty of Biology and Geology, Master Molecular Biotechnologies, "Babes-Bolyai" University

2017 – 2019 – Cluj-Napoca, Romania

MASTER DEGREE – The Faculty of Biology and Geology, Master Management of quality in Medical Laboratories , "Babes-

2014 – 2017 – Cluj-Napoca, Romania

BACHELOR DEGREE – The faculty of Biology and Geology, "Babes-Bolyai" University

section: Biochemistry

section: Science of Nature

● KNOWLEDGE IN PROGRAMMING

Skills learned in faculty, practices and independent

Basic knowledge of C, Batch and Shell scripts.
 Knowledge of Java with Maven and Grindler.
 Knowledge of IntelliJ Idea and Eclipse utilities.
 Knowledge in developing user interfaces using Swing and JavaFx *libraries*, integrated with FXML
 Basic knowledge in testing using JUnit 5 library.
 Basic knowledge in using Jasper reports and their integration with Java code.
 Knowledge of HTML 5, HTML 4.01.
 Knowledge of SCSS/CSS and its browser compatibility.
 Basic knowledge in using Bootstrap 4.
 Knowledge in JSON
 Knowledge in JavaScript/ JQuery/ React/ Webpack.
 Knowledge in Node.js ,Express.js, Passport.js
 Knowledge of SQL server and MySQL.
 Knowledge using GIT.
 Basic knowledge of SAP and ABAP (procedural and OOP), smartforms.
 Basic knowledge of C# and .Net framework

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

C | Java | Shell | Batch Scripting | Junit 5 | JavaFx | Swing | Jasper | Json | HTML5 | CSS | Bootstrap 4 |
 Javascript | JQuery | Microsoft SQL server | JXML | Maven | Grindler | IntelliJ Idea | Eclipse IDE | React | SAP
 ABAP programming-beginner | C | Net | Visual Studio | Passportjs | git | MySQL

● PROJECTS

Alan-news

<https://github.com/HreneanAlin/Alan-News-client-side>
<https://ha-alan-news.herokuapp.com>

A news application made with React.js on the frontend and with Alan AI platform on the backend.

functionalities:

Users can vocally ask Alan for the recent news, or for a specific subject. After that Alan will ask you back if he should read the headlines or open a specific article. More features could be added.

The news data is received by newsapi.org API.

Pwa-messenger

<https://github.com/HreanAlin/messenger-app-client>
<https://github.com/HreanAlin/messenger-app-server>
<https://ha-messenger-app-front.herokuapp.com/>

A messenger pwa made with React.js on the front-end and with Node.js, Express, Socket.io and Passport.js on the backend.

Functionalities:

People can enter in a virtual room and chat with different people as guests or as authenticated users.

Authentication system made with Bcrypt.

Users informations are stored in a Heroku MySQL Database.

Cookie policy.

Users are verified through email that is sent automatically by the server using Nodemailer.

Password recovery is also done through email.

People can log in using their Google or Facebook accounts.

Authorization system made with JWT.

More features could be added

CURRENT

Guitar-Shop

https://github.com/HreanAlin/guitar_shop

PWA in progress.

The front-end side of an app made in collaboration with a colleague.

It will have different [functionalities](#) like a secure log-in system, a simulation of selling guitars.

Covid-19 pwa tracker

<https://ha-covid-tracker.herokuapp.com/>

An app that tracks the current status of COVID-19 infections, recoveries and deaths. It displays charts on global scale and per country scale.

API: <https://covid19.mathdro.id> , made with React.js.

Weather Forecast

<https://hrean-alin.herokuapp.com/weather>

An Weather Forecast page made with React.js using openweathermap.org API

Small Calculator

<https://github.com/HreanAlin/Calculator>

A small calculator with graphic interface made in .Net .

Quiz Generator

<https://hrean-alin.herokuapp.com/quiz>

A Quiz Generator made with React.js using opendb.com API

Currency Converter

<https://hrean-alin.herokuapp.com/money-converter>

a currency converter made with React.js using api.exchangeratesapi.io API

Pokemon-wiki

<https://hrean-alin.herokuapp.com/pokemon>

A pokemon wiki page made with React.js using pokeapi.co API

Laboratory Analyses Manager

https://github.com/HreaneanAlin/laboratory_analysis

A program that manages patient in a clinical laboratory, made with Java, with JavaFx interface. It generates analyses results in pdf and html files with Jasper Reports.

It also has a password login system with 3 levels of accessibility: Administrator, results and diagnostics validator, patients registrar.

The Snake Game

<https://ha-snake-game.herokuapp.com>

<https://github.com/HreaneanAlin/snake-game>

The Snake Game made with JavaScript and JQuery.

Tic Tac Toe the game

<https://ha-tic-tac-toe.herokuapp.com/>

<https://github.com/HreaneanAlin/ticTacToe>

Tic Tac Toe with various modes, made with JavaScript and JQuery:

P vs P : player vs player.

P vs Cpu easy: Cpu just makes random moves

P vs Cpu medium: Cpu will verify if it or the player can win in one move and it will act accordingly

P vs Cpu impossible: Cpu will use minmax algorithm to always determine the correct move

Mars Weather

<https://ha-mars-weather.herokuapp.com/>

A page that shows the current weather on Mars using a NASA api, made with JavaScript.

FileSender

<https://github.com/HreaneanAlin/file-sender-client>

<https://github.com/HreaneanAlin/fileSender-Server>

A small Java program that sends different files from server to client

● HOBBIES AND INTERESTS

Cinematography

Astronomy

Ping-Pong
