SIMON ARYS

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EXPERIENCE

Freelance Web Developer – Wecodx
Fall 2021 - Present

- Start-up developing websites, platforms, mobile applications, design, etc.
- Work on the development of web applications

EDUCATION

Computer Science – 2019-2022

- **Bachelor's degree** from UCLouvain – 16.2/20 GPA
- Minor "Additional module in computer science"

SOFTWARE SKILLS

- **Proficient in**: C, Java, Python, JavaScript, Node.js, HTML5, CSS, Kotlin, C#, MongoDB
- **Worked in**: PHP, Symfony, Twig
- **Other**: Linux, LaTeX, Git

PROJECTS

Game Jam 2021 – Louvain-Li-Nux

- 24 hours to build an open-source video game in Python in teams of 4 people

Personal Project

- Android app to manage cooking recipes written in Kotlin and using Android's Room Database

University Projects – UCLouvain

- Customized version of Captain Sonar implemented in declarative code and multi-agent programming
- Comparing the performance on programming problems of the POSIX library with our own test-and-test-and-set
- Program in C to handle tar archives (analyze the structure, list the files in a folder, follow symbolic links, etc.)
- Multithreaded C program to compute clusters and centroids from graphs stored as binary files
- "Guess Who?" style game created using Oz language (no loops and single assignment)
- Web App to manage groups of people with to do list, planning and expenses manager. Built with JavaScript, Node.js, Express, bcrypt, Bootstrap, HTML and CSS
- Website for visualizing graphs using Flask, Chart.js, HTML and CSS
- Python program to encrypt messages using the sensors from a Raspberry Pi Sense Hat

CERTIFICATIONS

JavaScript Algorithms and Data Structures – freeCodeCamp
Summer 2021

- Object Oriented Programming and Functional Programming in JavaScript

Kotlin for Java Developers – JetBrains
Winter 2021

- Syntax, nullability, standard library, Java interoperability, Kotlin/JVM

Introduction to Git and GitHub – Google
Summer 2020

- Collaborate with others through remote repositories

LANGUAGES

French – Native

English – Professional working proficiency

German – Elementary proficiency