Ian Ruvuto Kampwanyi

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Languages

English – C2
French – C2
German – A2

Education

Bachelor of Computer science:
Jacobs University 2021-2024, DE

Subjects:
- Database and Management Systems
- Algorithms and Data Structure
- Programming in C/C++
- Introduction to Computer Science
- Introduction to Robotics
- Calculus and Linear Algebra (I & II)
- Classical Physics
- Modern Physics
- Computational Physics

Summary

Highly motivated computer science student seeking a full-time full-stack developer position where I can demonstrate my strong coding skills and my passion for learning.

Experience

Data-Base Management Project – 09/22
- Responsible for a weekly creation of Relational models of railway system using MariaDB MySQL and Entity relation diagrams with Figma software
- Presented weekly improvement of front end with HTML, CSS and JavaScript
- Extended the web application using PHP to grab data from different HOSTS on SQL servers
- Performed Queries on input forms to ease insertion of Data on the Database.
- Developed an SQL trace monitoring system with PHP session variables to differentiate Admin and Client users on the website by giving them different user privileges
- Loaded Apache server-side errors and Client-side errors to presentable statistical diagrams for analysis using Python

Jacobs Hackathon 21st Edition - 07/22 to 11/22
- Prototyped different web page templates with Figma.
- Used Html, CSS, and JS to implement the static webpage **jacobshack.com** that is live
- Designed a registration page which stored student's data by use of Google Sheets and Microsoft Excel API for JavaScript.

C/C++ Teaching Assistant at Jacobs University -09/22 to 12/22
- Help students grasp concepts of advanced C/C++ programming language.
- Host weekly tutorials to help student prepare for exams.

React-JS TO-DO List – 09/22
- Designed a responsive To-do list
- Maintained previous To-do lists by storing them on a file in a specific format that determines if completed.

Personal CV Web Portfolio (https://tallerian.github.io/) – 09/22
- Designed Personal CV-looking portfolio by use of HTML, CSS, and Java-Script
- Updated portfolio themes to dark and light mode by use of global CSS values

Skill Highlights

- Web development with HTML, CSS, JS, PHP
- JavaScript Framework React
- DATABASE Design MYSQL
- Haskel
- C/C++ programming. Pthread processing, mutex, fork system calls.
- Python: Jupyter Notebook and Tkinter UI