ZAKARIYA OULHADJ

Computer Science Graduate

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SUMMARY

As a Computer Science graduate and as an aspiring software engineer with a wide range of skills including C++, Python and the web, I am passionate about learning new technologies and developing innovative solutions for real-world problems.

SKILLS

Languages: C++, C, C#, Python, JS, CSS

Technologies: Linux, Git, Visual Studio, Emacs, Vim, Unity, Blender, Docker, Adobe

Hobbies: Cycling, Guitar, Piano, Hiking, Chess

PROJECTS

Software	**Simple Engine**	https://github.com/zoulhadj/game_project

An efficient cross-platform C++ graphics engine for low-level research and simulation. Includes multi-rendering API support.

Software	**Vulkan Model Viewer and Exporter**	https://github.com/zoulhadj/vmve

A real-time 3D geometry viewer powered by Vulkan. Models can be exported and encrypted.

Website	**Personal Website**	https://github.com/zoulhadj/zakariyaoulhadj.com

My personal website developed using the Astro web-framework.

Website	**Software Engineering**	https://github.com/ZOulhadj/Software-Engineering

A CRUD platform developed as part of a team to allow for visualisation of database information. The website was developed using Pug.js, Express.js, Node and Docker

EDUCATION

2020 - 2023	**The University of Roehampton** Computer Science BSc.	**First Class Honours**
2018 - 2020	**Kingston College** Computer Science L3	**A*A*A***
2017 - 2018	**West Thames College** Computer Science L2	**MM**
2012 - 2017	**Richmond Park Academy** GCSEs	

EXPERIENCE

2022 - 2023	**Computer Science Lab Assistant & Student Representative**	**The University of Roehampton**

· During my time as a student representative, my responsibility was to communicate with members of staff in the Computer Science department to address student concerns and enquires. The aim was to ensure that lecturers were fully aware of any issues and to enhance the students experience throughout the year.

2015 - 2017	**Freelance Web Developer**	**Wealth Agenda**

· As a freelance website developer, I was responsible for maintaining and managing websites for existing clients.

2011 - 2011	**Sales Assistant**	**BOHEMIACOAL s.r.o. (Ostrava)**

· Worked as a sales assistant alongside my Grandad over the summer.

LANGUAGES

English - Native, **Czech** - B2+ - **Algerian** - A2