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Gregory Cal

Skills: Java, C, C++, JavaScript, TypeScript,Python, ReactJS, NextJS, CSS, Git, REST API, SQL, MongoDB, Shopify, NodeJS, CSS, PHP, Tailwind, Docker, AWS

❯❯❯ Education

Sep '18 - April '23	**Bachelor of Science in Computing Science, Minor in Math**	The King's University

❯❯❯ Experience

Mar '24 - Dec '24	**Software Developer**	Paireeo

- Maintain and configure the backend using **MongoDB** and allow data integration to **Shopify**.
- Restructure the frontend to use **NextJS** and a CSS framework(**MantineUI**) to improve the performance and scalability of the website.
- Leverage technologies like **ReactJS**, **NodeJS**, and **TypeScript** to simplify, scale and mordernize the project and codebase.

Apr '22 - Aug '23	**IT Helpdesk Assistant**	Beulah Alliance Church

- Operate in an IT Help Desk and Desktop Support capacity assisting in responding to Tier 1 support tickets and escalating Tier 2 and 3 issues to other IT staff
- Configure and deploy existing machines to support single sign-on through MS365
- Develop a solution to simplify onboarding process through the use of **Microsoft's Graph API**

Jan '23 - Apr '23	**Lab Teaching Assistant**	The King's University

- Provide assistance to students during lab periods and ensure that they meet the specifications required by the professor.
- Help the professor update the slides, lab manual, and lab examples.

May '21 - Oct '21	**IT Student Assistant**	The King's University

- A software evaluation determined which applications to migrate to the cloud, importing users from Active Directory and enabling SSO via MS365.
- An evergreening was also done to all the machines that were old, if a machine is relatively new then a Windows 10 image will be deployed instead.
- Provide technical support to students and staff through the use of helpdesk attendance and ticketing management.

❯❯❯ Projects

Chess — GitHub	The King's University

- A collaborative group project to develop a fully functional chess game in **Java**, featuring a **Swing-based GUI**, timers, a playable AI with adjustable difficulty, and a move suggestion hint.

Ray Tracing Engine — GitHub	The King's University

- A **Java** based project developed to demonstrate ray tracing. This project showcases the use of **OOP**, **abstraction**, an understanding of 3D objects, **linear algebra**, and different rendering techniques

Full Stack Website — GitHub	

- A full-stack website(s) that are built using tech stacks such as **Next.js**, **React**, **Mantine UI**, **Tailwind CSS**, **MongoDB**, and **Node.js**.

File integrity checker — GitHub	

- A program that will check the integrity of a file or a file path using SHA256 encryption using **Python**

❯❯❯ Volunteer Experience

Sep '19 - Mar '20	**International Student Assistant**	The King's University
Sep '22 - Dec '22	**Student Navigator**	The King's University

❯❯❯ Reference

- References available upon request