

# Ralph Louie B. Gregorio

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## EDUCATION

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### University of Saskatchewan

September 2019 – May 2024

*B.Sc. Four-year in Computer Science*

- With Great Distinction

## WORK EXPERIENCE

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### Software Developer Intern

May 2022 – August 2023

*7Shifts*

*Saskatoon, SK*

- Led the development and deployment of our employee engagement feature that enabled managers to monitor employee engagement within their companies.
- Developed a full stack employee onboarding product that enabled managers to streamline the hiring process by automating and simplifying tax forms, custom onboarding documents and hiring using React, TypeScript, MySQL, PHP, and NodeJS
- Contributed to the design and execution of comprehensive testing frameworks, employing unit, integration, and end-to-end tests to ensure software reliability and maintainability.

### IT Support Assistant

May 2021 – December 2021

*Innovation Place (SOCO)*

*Saskatoon, SK*

- Performed IT service, administration, installation, project assistance and deployment for brand-new equipment rollout.
- Developed a web calendar using PHP and SOAP, sourcing data directly from SharePoint for dedicated use throughout the organization.

### Teaching Assistant (Python)

January 2021 – April 2021

*University of Saskatchewan*

*Saskatoon, SK*

- Assisted students with their coursework during lab time for our Introduction to Computer Science course during helpdesk hours.

## PROJECTS

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### BEAPEngine - <https://beapengine.com/>

Worked with [BEAPLab](#) to develop a web application to process watch activities and predict past physical activity using machine learning methods.

- Worked on creating a full CI/CD pipeline using docker and deploying Digital Ocean droplets. Along with developing local, staging, and production environments.
- Worked on features and code revision and hardening for components as well as adding system tests using playwright and unit/integration testing using Mockito and h2. As well as implementing pre-commit hooks, linters, and best practices for the team.
- Technologies used: React, TypeScript, Java SpringMVC, R, Rollbar, PostgreSQL, Docker, Redis

## TECHNICAL SKILLS

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- **Languages:** PHP, Python, Java, TypeScript, JavaScript
- **Frameworks:** React, Java Spring, Apollo GraphQL, NodeJS, Laravel
- **Databases:** MySQL, PostgreSQL
- **Developer Tools/Infrastructure:** Git, Linux, GitHub Actions, Docker, Datadog, Rollbar, Jira, VSCode, JetBrains products