Ralph Louie B. Gregorio

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EDUCATION

University of Saskatchewan   **September 2019 – May 2024**
B.Sc. Four-year in Computer Science
- With Great Distinction

WORK EXPERIENCE

Software Developer Intern   **May 2022 – August 2023**
7Shifts   *Saskatoon, SK*
- Led a full epic from conception to deployment, ensuring timely and smooth delivery, and enabled managers to monitor employee engagement.
- Developed robust full-stack solutions for employee management systems using React, TypeScript, MySQL, PHP, and Node.js, enhancing user experience and operational efficiency.
- 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 webpage 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 in Python for our Introduction to Computer Science course during helpdesk hours.

PROJECTS

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

- **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