Kiana Pazdernik

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SUMMARY

As a recent graduate, I am seeking a software engineering position in the software development field. I have a solid foundation in Java, and Python, and experience in software development methodologies. I am detail-oriented, with a drive to solve complex problems and collaborate with teams.

SKILLS

Strong communication skills, facilitating clear and constructive dialogue within teams.

Excellent team player, able to work collaboratively with others to achieve common goals and drive projects forward.

Backend: Skilled in Python and Java, with experience in C and C#.

Frontend: JavaScript (React)

Data Visualization: Expertise with BigQuery, Splunk and OmniSci tools.

Tools: Git, Bash, Jira, Linux, MacOS, Jenkins, Docker

EDUCATION

University of Victoria

Bachelor of Software Engineering - *September 2019 - Graduating June 2024*

2 years towards a Bachelor of Commerce - *September 2017 - September 2019*

Kelowna Secondary School *2014 - 2017*

Bilingual High School Diploma & DELF Diploma (Diplôme d'études en langue française)

WORK EXPERIENCE

QA Automation Co-op - Shift (Redbrick)

September 2023 - April 2024

- Collaborated with teams to develop, test, and maintain key features for a productivity tool, ensuring user satisfaction.
- Aided the recruitment process for new co-op positions, including identifying potential co-op candidates and conducting interviews.
- Currently working on the automation of the smoke test using C#, Selenium, and WinAppDriver for the Chromium-based product, enhancing testing efficiency and reliability.
- Diagnosed and fixed bugs within the product, enhancing functionality and reducing user-reported issues. Using JavaScript
- Created and maintained Python scripts for automatic updating of application directories, ensuring data integrity and accessibility.
- Debugged crash logs in Visual Studio C++ to enhance product reliability and customer trust. As well as aided in solving customer issues.

Software Developer Co-op - Opensignal (Tutela Technologies Ltd.)

May 2021 - August 2021 and January 2022 - April 2022

- Collaborated with the Data Team to process, refine, filter, and enrich crowdsourced data to enhance the mobile user experience.
- Designed and programmed a dynamic mapping feature using Java and BigQuery, which enhanced the presentation of crowdsourced data by geographical country, region, and cities for client meetings.
- Performed code maintenance and optimization on the Data Pipeline using Java and Google libraries. Refactored the code to align with the team's new coding standards, while collaborating with other teams to ensure smooth implementation and maintenance of the pipeline.
- Implemented a Java program that automates the gathering and analysis of up-to-date mobile network data using SQL. Utilized Google Sheets, Excel, and BigQuery to store and filter the data to create visualizations and reports.
- Updated backend systems to automate and streamline the process of creating BigQuery table views for clients.

Systems Engineer Intern - Sony Pictures Imageworks

January 2020 - August 2020

- Collaborated with users to troubleshoot and resolve technical issues related to software and hardware systems, ensuring efficient operation, remotely and in-person.
- Provided technical assistance to the HelpDesk team in resolving software and hardware issues for users and setting up client workspaces.
- Assisted in the smooth transition of over 700 employees from in-office to remote work during the Covid-19 pandemic.
- Led the development of the Reboot Project, a Python-based tool that monitors and tracks reboot activity for all user machines using Linux commands and the Internet Control Message Protocol (ICMP). Utilized Splunk to visualize reboot data and identify problematic machines, resulting in an improvement of technical support processes.
- Developed a monitoring feature on Gnome Linux, written in JavaScript, that triggers an alert when CPU usage exceeds predetermined thresholds.

PROJECT EXPERIENCE

Team Lead - UVic VikeLabs Club

November 2022 - Present

- Club Goal: To connect with other like-minded students and develop projects together to improve student life and their programming abilities.
- Aid in workshops to teach different programming languages, as well as help promote and recruit new members by hosting meet-and-greets and social events.
- Help club members with programming questions.

Software Developer & Marketer *-* ***Scorched Earth Winery***

January 2021 - December 2022

- Created a wine club membership for a bi-yearly wine selection subscription.
- Generated seasonal emails and newsletters for club members and subscribers.
- Developed the social media presence on Instagram, Facebook, and advertising through Google Business. Increased engagement online by 80%.