






MAX PHAM

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PROFESSIONAL EXPERIENCE

current
from July 2022

Software Engineer I | Platform, UKEN GAMES, Toronto

- › Doubled engagement by shipping 2nd phase for Blockchain-powered web-app game. Managed all backend development efforts along with Smart Contract integrations.
- › Increased IAP revenue by **20%** by integrating new payment system with Xsolla
- › Reduced cost by **10%** by implementing In-house Mobile Dynamic Messaging System, replacing existing SAAS usage
- › Automated community support by building a custom Discord notifier bot for a Live-served Webapp game

Reactive Spring Ethereum Solidity AWS Python Kafka

to Jan 2020
from Jul 2019

Operations Specialist, APPLE STORE EATON CENTER, Toronto

- › Participated in a team effort to ensure inventory accuracy and, in a timely matter, provide the top customer experience, following the APPLE steps of service.
- › Monitored and persisted inventory. As well as keeping variances in check.
- › Constantly innovating on both the store and backstage layouts to maximize performance and minimize costs.
- › Conducting and preserving direct relationships with customers. Achieved an average customer relation score of 5/5.

Inventory Management APPLE steps of service sales diagnostics



EDUCATION

from Sept 2017
to May 2022

Computer Science Specialist | Honours Bachelor of Science, UNIVERSITY OF TORONTO


CS GPA: 3.7/4.0

- › Participated in multiple project courses to collaborate building software
- › Led a remote team of 4 to develop a pseudo-startup presented to a panel of C-level executives
- › Co-founder and **Technology Lead** of the Web Development Club



PROJECTS

MANGO APP

 Application

- › Webapp for generating adaptive banking offers using ML and Statistical Analysis
 - › Scaffolded and deployed the React frontend with Python Flask backend as well as PyTorch modeling service
 - › Designed and Implemented frontend with ChakraUI
 - › Integrated custom authentication flow with Auth0

React Auth0 Python Jest ChakraUI JWT

OPEN-SOURCE CONTRIBUTIONS

- › ChainPatrol: Refactored and implemented numerous features for discord bot to detect crypto scam sites.
- › Firefox: Reduced installer size by 15% with bzip2 instead of gzip compression.
- › Wiki.JS: Fix invalid usage of AWS S3 for renaming operations.
- › Dev.to: Tutorial to implement Auth0 in React and backend services.



TECHNICAL SKILLS

Programming Languages	Java, Python, Javascript, Terraform, SQL, Bash
Frameworks	Next.JS, Spring Boot, Flask
Database Systems	MySQL, PostgreSQL, MongoDB
AWS Services	Lambda, Cloudformation, S3, IAM, Cloudwatch, ECS, API Gateway, CloudFront