Max Pham

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💼 Professional Experience

current from **July 2022**	**Software Engineer I | Platform, Uken Games, Toronto** ❯ Increased IAP revenue by **20%** by integrating new payment system with Xsolla ❯ Designed notification system for a Web3 live-service game, supporting emails, and SMS ❯ Increased marketing performance and reduce cost with In-house Mobile Dynamic Messaging System ❯ Reduced AWS MSK deployment maintainance time by placing Broker URLs behind DNS ❯ Enhanced community support by implementing a custom Discord notifier bot for a Live Service game `Reactive Spring` `Web3` `AWS` `Python` `Kafka` `Git LFS`
to **Oct 2021** from **May 2020**	**Software Engineer PEY | Platform, Uken Games, Toronto** ❯ Reduced **100%** cost with Slack bot incident communication by moving to **AWS SAM** from EC2 ❯ Reduced **30%** unproductive commits by enforcing codestyle using Prettier plugin through Jenkins ❯ Managed **1000+** Github resources by designing **Terraform-based** system with changes through **JSON** format ❯ Increased marketing's outreach by **28%** with API scheduling system based of db-scheduler library ❯ Consolidated **100%** of technical documentation to a single Wiki solution: Wiki.JS. Deployed to **AWS** with authentication using OneLogin SAML `Terraform` `AWS` `Python` `Docker` `IntelliJ Idea` `Spring Boot` `Jenkins`

🎓 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 satelite 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: Extended existing command to support custom input modal.
❯ 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**, **SAM**, Cloudwatch, ECS, API Gateway, CloudFront