Max PHAM

in linkedin.com/in/maxphamm **O** github.com/maxeraph
□ +1 (647) 647-7967 **@** maxpham99@gmail.com
& maxpham.dev

Software Engineer

☰ SKILLS

Programming	Java, **Python**, C, **JavaScript**, HCL, SQL, CSS
Frameworks	Spring, **Spring Boot**, Flask, Next.JS
Database Systems	MySQL, PostgreSQL, MongoDB
AWS Services	Lambda, **Cloudformation**, Cloudwatch, EC2, **ECS**, API Gateway, **S3**, CloudFront

💼 PROFESSIONAL EXPERIENCE

Present May 2020	**Software Engineer | Backend/Services**, UKEN GAMES, Toronto Professional Experience Year 2020-2021 Cohort

> Created CloudFormation template (ECS, RDS) to deploy open-sourced Wiki engine, setup authentication with OneLogin.
> Implemented Lambda function to retrieve service versions through Slack commands, as an effort of replacing previously under-utilized web app.
> Designed, deployed and maintained Terraform system managing 400+ repositories and 100+ organization members on Github. Contributed in spinning up automation Jenkins pipeline.
> Deployed existing services for new game tenants using AWS CloudFormation and Jenkins.
> Main contributor to the company's website, powered by AngularJS.

IntelliJ Idea | CLI | Maven | Spring Boot | Jenkins | Docker | AWS | Terraform | SAML2 | PostgreSQL | Python | Slack API

🎓 EDUCATION

May 2022 September 2017	**Computer Science Specialist | Honours Bachelor of Science**, UNIVERSITY OF TORONTO

> Computer Science GPA : 3.5/4.0
> Participated in multiple project courses to build software.
> Co-founder and Technology Lead of the Web Development club
> Placed 2nd in NewHacks 2020

💻 PROJECTS

SDC TOOLS 2020

O github.com/MaXeraph/proj-FakeBirds

Delegated proportional tasks for all teams and members. Organized and maintained the stability of both personnel and the application's production stages. Led the backend team with the development of XML-to-JSON parser, API endpoints' design and implementation; Electron-app packaging with considerations of security and privacy.

Python | Flask | React | Javascript | Electron

PORTAL 2019-2020

O github.com/MaXeraph/Portal **&** Application

Designed and deployed the app on Heroku. Adhering to RESTful principle for future open-source applications. Data collected from UofT's Calendar and with Reddit's related posts, the data is persisted on MongoDB's Atlas. Developed the front-end with React and Tailwind + Backend is supported by Express server.

Heroku | Reddit API | MongoDB | React | Tailwind | Express

>_ OPEN-SOURCE CONTRIBUTIONS

> Firefox : Compress flatpaks with xz instead of gzip
> Wiki.JS : Fix invalid usage of AWS S3 for renaming operations.

+ INTERESTS

> Video Games Development
> Microsoft Flight Simulator
> Cryptocurrency
> Vinyl Collecting