



Entry Level Software Engineer

SUMMARY

- Entry level developer optimistic to grow in the CS and software development industry
- Full-stack work experience, including REST and GraphQL, creating user-facing features/products served through cloud computing
- Quick learner, proven technical agility and eager to improve and learn new skills through challenging work problems
- Prioritizing diligence and honesty, determined to produce results, fulfill all requirements and take responsibility

TECHNICAL SKILLS

Languages: Python / Java / C/C++ / GitBash / TypeScript / JavaScript / Kotlin / Ruby / TeX
Database: PostgreSQL / DB2 / MySQL **CI/CD:** K8s / EKS / GitLab / Jenkins

WORK EXPERIENCE

- 9/2023 – 12/2023 **Software Developer** Infor Global Solutions / Remote
Co-op/intern
- Deployed **cloud microservices** and optimized integration tests to reduce pipeline time by **1 hour** as part of the Platform and Dev Ops team using GitLab runners with EKS and helm charts
 - Migrated dev environment into CI/CD workflow with GitLab pipeline YAMLS, bash scripts and GitLab pages
 - Refactored product localization process into automated tool using AWS Translate for over **20** languages with Docker, K8s, allowing merge request-like reviews, in-line translation edits and XML migration generation
- 1/2023 – 4/2023 **Full Stack Developer** Wonolo Inc. / Remote
Co-op/intern
- Developed features for Nomad-using Rails app serving the temporary staffing industry
 - Led development for web portal functionality using React, working with Product and Design to improve user experience and introduce over **10** custom components interacting with GraphQL endpoints
 - Implemented **backend** of customer scheduled reports with **2** tables, **8** GraphQL endpoints and **1** CRON job
- 5/2022 – 8/2022 **Software Engineer** PointClickCare / Remote
9/2021 – 12/2021
Co-op/Intern
- Facilitated pharmacy and practitioner communication with a web app to organize prescriptions
 - Coded **integration tests** using Cypress' test suites, as well as maintaining unit test code coverage **>90%**
 - Worked on a web imbedded messaging app implemented into the core LTPAC, SaaS product
 - Used **RESTful web MVCs**, structuring endpoint data, adding controller logic with views serving React pages

RELEVANT PROJECTS

- Summer 2023 **Image Classification Django App** Research
- Created Django app to train image recognition neural networks on user-provided labelled images which are further used to classify new images with TensorFlow and HuggingFace Python libraries
 - Dockerized backend with Docker Compose, including containers for app, task scheduler and message queue
 - Hosted production level backend using AWS EC2, S3 and RDS
- Ongoing **Personal Website and Portfolio** Personal
- Maintaining a Next.js app, with the main page at a Real Experience Score of **93** and performance score of **98**
- Spring 2021 **CTOR** Academic
- Implemented command line Catan with ASCII graphics for an OOD course, receiving a perfect final mark
 - Collaborated with group in stressing best practices in OOP, software design to take pride in the project
 - Added above-and-beyond features in longest path algorithm and "card" decks, receiving bonus marks

EDUCATION

- 9/2020 – 4/2025 **Candidate for Bachelor's of Computer Science** University of Waterloo
- Computer Science, Honours Co-op, software engineering specialization
 - 3.96 GPA
 - Relevant courses: Object Oriented Design / Data Structures / OS / Algorithms
 - University of Waterloo President's Scholarship, Fall 2020

RESEARCH

Undergraduate Research Assistantship - Dr. Justin Wan / Deep Learning and Classification
Classification / Feature extraction / TensorFlow / NumPy / Pandas / Hugging Face