ATSUSHI YAMAMOTO

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SKILLS

Bash	Docker
Ruby	Kubernetes
Python	AWS
Go	GCP
C	Terraform
SQL	Datadog
JavaScript	Prometheus
React	Bazel
Ruby on Rails	Linux

EDUCATION

University of British Columbia

Bachelor of Commerce in Business and Computer Science

Class of May 2019

PROJECTS

nwHacks

Organized logistics and community events for the largest hackaton in western Canada

UBC-RMP

Chrome extension that integrates professor's ratings from Rate My Prof with the UBC course registration page with an intuitive UI

Ubcbooker

CLI tool to book available CS department project rooms within UBC

EXPERIENCE

Etsy   San Francisco, Jun 2021 - Present
Senior Software Engineer, SRE, Search Platform
- Managed a Search GKE cluster that served 4500 QPS with 400 nodes
- Saved $400k/year by using Preemptible VMs in a dev environment
- Migrated Jenkins CI/CD Infrastructure to Buildkite
- Led research & proof of concept for Service Mesh (Istio & Consul)
Technologies: Bash, Python, Go, Kubernetes, GCP, GKE, Bazel, Terraform

Stitch Fix   San Francisco, Sep 2019 - May 2021
Platform Engineer, Runtime Infrastructure
- Managed an internal PaaS that released 400 deploys/day for 150 services
- Standardized metrics submissions across libraries to reduce org-wide billing
- Designed a deploy freeze feature based on feedbacks from the eng org
- Improved docker build speed on CircleCI by 15% using a build cache
Technologies: Ruby, Go, Ruby on Rails, AWS, ECS, PostgreSQL, Terraform

Stitch Fix   San Francisco, May 2018 - Aug 2018
Software Engineering Intern
- Built a service to manage purchase orders from external vendors
- Enhanced a microservice's API response time by 2x
- Improved contract testing workflow between microservices with Pact
Technologies: JavaScript, Ruby, Ruby on Rails, Pact, PostgreSQL

Ubyssey   Vancouver, Oct 2017 - Apr 2018
Web Developer
- Enhanced Ubyssey.ca website and Dispatch - a custom-built open source publishing platform for editors
- Coordinated workload and gave technical workshops to volunteers
- Interviewed and hired other web developers
Technologies: JavaScript, Python, React, Django, MySQL, GCP App Engine

BlackBerry   Ottowa, Jan 2017 - Aug 2017
Student Development Intern
- Built Azure cost threshold management dashboard for the platform team
- Built a hypervisor deployment and approval management service
- Refactored Azure cost forecast frontend to render 35% faster
- Introduced automated integration testing system to the team
Technologies: Ruby, Ruby on Rails, Elasticsearch, Zabbix, OpenNebula

Prynt   San Francisco, June 2016 - Dec 2016
Web Development Intern
- Built a product recommendation feature within the e-commerce frontend
- Introduced international Paypal payment option to the checkout flow
- Implemented responsive design across the entire website
Technologies: JavaScript, Ruby, Ruby on Rails, React, Materialize CSS