Ben Vinnick

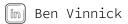
UBC Science Co-op



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EXPERIENCE

THINKWELL STUDIO MONTRÉAL | SOFTWARE DEVELOPER (CO-OP)

July 2022 - September 2023 | Vancouver, Canada (Hybrid)

- → Documented Datadog Agent installation for production deployment to GKE
- → Configured **Datadog** integrations, SLOs, RUM, synthetic tests, and monitors
- → Developed code utilizing GCP Cloud Functions, IoT Core, MQTT bridge, and Pub/Sub to track payload deliverability and latency across multiple services, and connected the system to **Datadog** for streamlined monitoring
- → Leveraged **Telegraf** and **InfluxDB** to establish an internal monitoring system and orchestrated its deployment through a GKE cluster using Terraform and Helm
- → Researched and implemented an image resize proxy using **Docker** and **Nginx** and configured it for deployment with GKE
- → Implemented a YAML validation feature and created unit tests with 100% coverage
- → Refactored **Node** and **GraphQL** code to support a new enrollment system
- → Collaborated with UI/UX designers when adding features to a **Vue** web app
- → Presented features to the team as well as outside stakeholders at Google

UNIVERSITY OF BRITISH COLUMBIA | TEACHING ASSISTANT

Sept 2021 - Dec 2022 | Vancouver, Canada

- → Coordinated weekly labs of 30 students through effective communication with professors and other TAs
- → Received perfect evaluations from over 80% of students in categories such as communication, preparedness, and teaching ability
- → Independently conducted weekly office hours to help students with introductory programming concepts using Racket

PROJECTS

ESSENTIALLY



Jan 2023 - Present

- → Collaborated on a Chrome extension that provides web page summaries
- → Deployed via AWS CDK, Lambda, and API Gateway and performed Node code refactoring during the process

ARE YOU TAKING



July 2022

- → Co-created a webapp with **Next** and **Node** to allow UBC students to compare their course schedules
- → Deployed via Heroku

SPORTS MACROS ✓



Oct 2021 - Present

- → Independently created a web app using **HTML/CSS** that automatically generates macros for media captioning
- → Used every Vancouver Canucks home game by professional NHL photographers
- → Deployed via Amazon S3

SKILLS

TypeScript • Go • Java • C GraphQL • SQL • NoSQL Vue • React • Node • Bash Docker • Kubernetes Terraform • GCP • AWS

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA

BACHELOR OF COMPUTER SCIENCE Sept 2019 - 2025 | Vancouver, BC **Faculty of Science** Cum. GPA:84% / A-Dean's Honour List (2019-2021)

EXTRACURRICULARS

UBC LAUNCH PAD

Jan 2023 - Present Student-run software club that collaborates on applications

WKC

May 2022 Continuous Sparring Kickboxing Competitor

UBC TODD ICE HOCKEY LEAGUE

2019 - Present Three Time Winners, Tier 1

UBC TECHNICAL CAREER FAIR

Jan 2021 Support Team

HACK THE 6IX

Aug 2021

CockroachDB Sponsor Prize

PHI GAMMA DELTA

Sept 2019 - March 2020 Freshman Philanthropy Chairman

CANUCK PLACE CHIL-**DREN'S HOSPICE**

Jan 2018 - May 2019 Peer Volunteer