

Benjamin Cheung

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EDUCATION

Bachelor of Computer Science, Expected Grad: May 2023
University of British Columbia, Vancouver, BC

Bachelor of Science Honours Biochemistry, Minor in Information Technology Sep 2015 – May 2019
University of Windsor, Windsor, ON

EXPERIENCE

Software Engineer Intern, Coinbase Aug 2022 – Dec 2022

Technologies: React, TypeScript, React Native, Node.js

- Implementing human readable transactions for the Coinbase blockchain wallet browser extension / mobile app and modernizing profiles and activities.

Software Engineer Intern, Riot Games May 2022 – Aug 2022

Technologies: Kafka, Spark, Scala, Java, Databricks, NewRelic, Maven

- Implemented invalid events instrumentation and metrics reporting in Riot's Analytics Platform which processes ~ 5 billion events daily.
- Decreased invalid event triage time from 24 hours to 30 minutes enabling faster incident response, saving computing resources, and removing the cost of scheduled batch processing at the data store level. (Over ~ \$183,600 cost savings annually).
- Increased invalid event visibility and monitoring/alerting in real-time by creating a NewRelic dashboard for customers like VALORANT, Legends of Runeterra, etc. with NewRelic synthetic monitoring.

Cloud Software Engineer Intern, TD Bank May 2021 – Aug 2021

Technologies: Python, SaltStack, Terraform, Chef InSpec, Jinja

- Automated the decommissioning of virtual machines and built CI/CD workflow to compile and report vCenter information nightly.
- Investigated improvements and maintained Salt states that power the automation of over 30,000 Salt minion servers.

Software Developer Intern, Checkfront Sep 2020 – Dec 2020

Technologies: React, PHP, PostgreSQL, Jest, Cypress, Codeception, Symfony, Jenkins

- Deployed features for Checkfront's new go-to-market booking system which facilitates hundreds of thousands of bookings monthly.
- Developed and shipped pages for the inventory calendar, product builder, and asset calendar to businesses in 128 countries globally.

Developer Success Specialist, Enjin Sep 2019 – Jan 2020

- Facilitated integration of client products and supported Enjin's [ERC-1155 token standard](#), [Minting SDK](#), [Blockchain/NFT Explorer](#), and [crypto wallet](#).

SOFTWARE PROJECTS & HIGHLIGHTS

UBCExplorer - Course Search & Degree Planner ([Website](#) | [Medium Article!](#))

Technologies: React, Node.js, MongoDB, JavaScript, Python, REST API

- Developed a full-stack cloud-based web app with a RESTful API for students to browse course dependencies and track their degree progress (700+ users in < 36 hours).

FriendDash - Group Order Management and Delivery Platform ([GitHub](#))

Technologies: React/Redux, Node, MongoDB, JavaScript, Chakra UI

SKILLS

Languages: Java, C/C++, JavaScript, TypeScript, Python, SQL, PHP, HTML/CSS, Scala

Tools & Frameworks: React/Redux, Node, Express, MongoDB, Git, Azure, Docker, Flask, AWS, Kafka, Spark