Benjamin Cheung

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EDUCATION

Bachelor of Computer Science, Sep 2019 – 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, Coinbase Aug 2023 – Present
Technologies: React, TypeScript, React Native, Node.js

- Coinbase Design System

Associate Software Engineer, Veeva Systems Feb 2023 – Aug 2023
Technologies: React, Node.js, JavaScript, Java, Spring Boot, SQL

- Enhanced Veeva's proprietary data model, Vault Object Framework, simplifying custom object creation and management for customers while boosting platform reliability through timely resolutions of prod issues.
- Implemented and released components featuring performance stats, optimizations in admin configs and layouts, and an intuitive Percent Input display.

Software Engineer Intern, Coinbase Aug 2022 – Dec 2022
Technologies: React, TypeScript, React Native, Node.js, Android, iOS

- Implemented human-readable transactions for the Coinbase blockchain wallet browser extension and mobile app. Enabled detailed wallet transaction browsing with modernized user profiles.
- Modernized search and discovery in the wallet where users can add and remove recent searches involving ENS, NFT/assets, and regular search queries.
- Built a curated recommended coins module for wallet users to explore new assets based on their blockchain profile activity and transactions.

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 virtual machine decommissioning, built CI/CD workflow to compile and report vCenter info nightly, 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, JavaScript, PHP, PostgreSQL, Jest, Cypress, Codeception, Symfony, Jenkins

- Developed and deployed feature-rich pages for the inventory calendar, product builder, and asset calendar to businesses in 128 countries globally in Checkfront's new go-to-market booking system.

Developer Relations, Enjin Jan 2016 – Jan 2020

- Facilitated integration of client products and supported Enjin's ERC-1155 token standard, Minting SDK, Blockchain/NFT Explorer, and crypto wallet. Created technical documentation, technical videos, and GraphQL queries to showcase SDK use cases.

SKILLS

Languages: Java, C/C++, JavaScript, TypeScript, Python, SQL, PHP, HTML/CSS, Scala
Tools & Frameworks: React/Redux, Node, MongoDB, Git, Next.js, Docker, Flask, AWS, Kafka, Spark