JUSTIN CHAN

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EDUCATION

University of British Columbia - **BSc, Computer Science**   *Graduating May 2023*
- Dean's Honor List, UBC Computer Science Co-op, Student Athlete - UBC Men's Ultimate Team

SKILLS

Programming Languages: Java, Scala, JavaScript, TypeScript, Python, C, C++

Tools/Frameworks: Node.js, Express, React, Angular, RxJS, HTML/CSS, MySQL, MongoDB, Firestore, Firebase, GCP, AWS, ELK Stack, OpenShift, Spring, Flask, JUnit, Jest, Jasmine, Selenium, Docker, K8s, Jenkins, Git, Linux, Protobuf

EXPERIENCE

Visier, Inc. - Analytics and Visualization Team   **Vancouver, BC**

Software Developer Co-op   *May 2022 - Present*
- **Delivered multiple features to production** with maintainable code quality, documentation, and testing. Independently investigated systems and facilitated open communication with lead engineers.
- **Incorporated user feedback** to redesign customer authoring workflows, **improving the user experience for 15,000+ customers** by providing affordances for different authoring conditions.
- Employed existing data tagging to **rapidly ship new functionality in one sprint,** allowing users to customize reusable attribute sets to **reduce hundreds of manual selections** and create new product use cases.
- Closed **100%** of weekly production patch bugs **on schedule**, reliably debugging complex full-stack code paths.
- Awarded People's Choice and honorable mentions across two internal hackathons, **shipping the winning feature to production in the following sprint**.

Royal Bank of Canada - Data Services Team   **Remote (Toronto, ON)**

Software Engineer Co-op / Technical Systems Analyst Co-op   *Sept 2020 - Aug 2021*
- Developed Java microservices with Spring Boot on enterprise OpenShift environments to ingest log data into ElasticSearch, **enabling centralized monitoring and adherence** to data retention compliance.
- **Went beyond project responsibilities** by researching and identifying machine learning use cases in Kibana, demoing proof of concepts and **accelerating the team's predictive monitoring roadmap by 6 months**.
- Integrated pre-ingestion Ruby scripts to **optimize ingestion and dashboarding of 500GB+** quarterly log data.
- Deployed **10+** real-time dashboards to consolidate analytics across production applications and databases.
- Consecutively recognized as **top 10** talent across **700+** interns in **four** senior management showcases.

CLUB LEADERSHIP

Google Developer Student Clubs - UBC   **Vancouver, BC**

Returning Advisor / VP Tech Lead   *Aug 2020 - Present*
- Joined the founding team to **grow an inclusive community of 120+ students** through events and projects.
- Spearheaded the design and implementation of the club's backend infrastructure on GCP and Firebase.
- Presented numerous **DevOps, Full-Stack, Cloud, and Machine Learning** workshops to **200+** students.

PROJECTS AND HACKATHONS

TTNR: Custom discord bot for gamified community engagement deployed on GCE.   *Current*

UBCBR: Full stack Node.js and Express REST API query engine project for UBC metadata.   *2021*

RBC Innovation Challenge: Casual match-making python Slack bot for remote networking.   *Finalist, 2020*

BizHacks: Personalized shopping interface integrating Azure Facial Recognition and BestBuy's API.   *2020*