JUSTIN CHAN

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EDUCATION

University of British Columbia - **BSc, Computer Science**   *Sept 2018 - May 2023*
- Dean's Honor List, UBC Computer Science Co-op, Student Athlete - UBC Men's Ultimate Team

SKILLS

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

Tools/Frameworks: Node.js, Express, React, Angular, HTML/CSS, MySQL, MongoDB, DynamoDB, Firebase, GCP, AWS, ELK Stack, Spring Boot, Flask, JUnit, Jest, Mocha, Chai, Docker, K8s, Jenkins, Git, Linux, NumPy, Scikit-learn

EXPERIENCE

OnDeck Fisheries AI - Pre-Seed   **Vancouver, BC**
Software Engineer   *April 2023 - Present*
- First full-time engineer hired to spearhead core cloud and MLOps infrastructure and client-facing API.

Visier - Workflow Team   **Vancouver, BC**
Software Developer Co-op   *May 2022 - Dec 2022*
- Implemented new system designs to incorporate custom widgets into existing analysis document functionality, supporting new collaboration analytics and future content in the core product.
- 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.
- Awarded People's Choice, Top 6, and honorable mentions across three internal hackathons.

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.

LEADERSHIP AND PROJECTS

Google Developer Student Clubs - UBC   **Vancouver, BC**
VP Tech Lead   *Aug 2020 - Sept 2022*
- Joined the founding team to grow an inclusive community of 120+ students through events and projects.
- Spearheaded the backend infrastructure and presented Fullstack, Cloud and ML workshops to 200+ students.

DeMes: Decentralized user-hosted messaging service with fault-tolerant leadership selection.   *2023*

Evoly: Full stack React, Node.js, Express, DynamoDB, MapBox API geographic data map visualization.   *2023*

TTNR: Custom discord bot for gamified community engagement deployed on GCE.   *2022*

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