

Justin Dhillon

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EDUCATION

The University of British Columbia

Bachelor of Science in Computer Science

Sept. 2023 – Present

Vancouver, Canada

EXPERIENCE

End-to-End Developer

Langley Pos-Abilities Society

Dec. 2019 – Present

Langley, Canada

- Created and maintains WordPress application for our 1000+ monthly active users
- Deploy EmailJS to manage 100+ community emails
- Implement Stripe to handle \$1000+ of donation money
- Lead my team of 10+ members to plan and coordinate fund raising events
- Managed multiple social media accounts for our 1000+ followers

Information Technology Support Specialist

Township of Langley

July 2022 – Sept. 2023

Langley, Canada

- Communicated with department managers to efficiently set up and configure computers across 3 facilities
- Assessed and resolved 100+ computer issues reported by faculty and staff
- Implemented strategic troubleshooting procedures, resulting in a 20% reduction in downtime
- Provided comprehensive user training, significantly reducing the number of recurring issues by 15%
- Established and maintained an organized inventory system for IT assets, resulting in a 25% reduction in equipment loss and more efficient equipment tracking

Lifeguard & Swim Instructor

Township of Langley

July 2022 – Sept. 2023

Langley, Canada

- Responded promptly to life-threatening emergencies, administering effective first aid.
- Led and coordinated a team of 5+ lifeguards, ensuring a clean and inviting facility environment.
- Instructed engaging and informative swimming lessons.

PROJECTS

link-inspector | *JavaScript, Node.js, Package Management, Networking, Testing*

September 2023 – Present

- Developed a cli application with JavaScript and Node.js with many stars and 100+ users
- Used the http/https protocol to automatically scans files and directories for broken links
- Manage GitHub issues, pull requests, and merge conflicts
- Handle software distribution by creating automated release scripts
- Created comprehensive unit tests to find bugs and increase performance by 200%

ubcevents.com | *Typescript, React, Next.js, API, SQL, User Authentication*

September 2023 – Present

- Developed a full-stack web application using Typescript, React, and Next.js for 1000+ UBC students to post their events
- Build a custom API to efficiently query the back-end for new events
- Used PostgreSQL as a database for user data and event posts
- Implemented Google OAuth to handle 100+ users authentication
- Deployed Bash scripts to automate moderation of 1000+ posts

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Python, SQL (Postgres), Bash, JSON, Yaml

Frameworks: React, Node.js, Next.js, Flask, Three.js, Express, Socket.io

Developer Tools: Git, Linux, Docker, Esbuild, Webpack, Jest