

KUSHAL GANGARAPU

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PROFILE

High-achieving Grade 12 student with a proven record of leadership across technology, community outreach, and competitive STEM. Built and scaled organizations, secured thousands in sponsorships, led 150+ person events from concept to execution, and shipped a full-stack web platform serving 1,500+ students and faculty. Combines strong technical skills in multiple programming languages with demonstrated communication, marketing, and team-management abilities.

EDUCATION

Burnaby Central Secondary School

Burnaby, BC

- Earned a 5 on the AP Computer Science A exam (100% course grade, Award of Excellence in Computer Programming 11) and a 4 on the AP Calculus BC exam.
- Maintained strong STEM academic performance while concurrently leading eight extracurricular roles and representing students at the school and district level.
- Completed certifications in Mathematics for Machine Learning: Linear Algebra (Imperial College London), Full Stack Open (University of Helsinki), and CS50AI: Introduction to Artificial Intelligence with Python (Harvard University).

EXPERIENCE

Student Monitor — Summer School

Jul 2026

Burnaby School District (SD41) · Burnaby, BC

- Facilitate smooth day-to-day operations for students and staff, guiding building navigation, unlocking classrooms, and managing supply requests.
- Built and maintain a centralized Excel tracking system for student registrations, withdrawals, and transfers to streamline administrative reporting.

Chess Instructor

Oct 2025 – Feb 2026

BC Junior Chess Association · Morley Elementary, Burnaby, BC

- Delivered weekly structured chess lessons to elementary students, designing age-appropriate interactive activities that developed strategic thinking, concentration, and sportsmanship.

Member — District Student Advisory Council

Jun 2025 – Present

Burnaby School District (SD41)

- Selected to represent Burnaby Central at the district level, collaborating with students across SD41 to identify priorities, deliver structured feedback, and contribute to district-wide policy improvements.

General Executive

Apr 2025 – Present

BC Youth Developer Collective

- Organized and executed Daydream Vancouver, the largest Daydream hackathon in North America and the largest youth hackathon in Western Canada securing \$5,200+ in direct funding and in-kind resources to make the 130+ participant event fully free of charge.
- Managed and mentored 130+ high school participants across a 12-hour game jam, coordinating expert workshops in Godot, Unity, art design, and sound production, resulting in 50+ original games successfully deployed on itch.io.

Head of Marketing

Oct 2024 – Oct 2025

The Shoreline Guardians · Burnaby, BC

- Scaled TSG's Instagram from 30 to 1,000+ followers within seven months, achieving a 700% increase in profile activity and an 800% rise in profile visits through consistent, high-quality environmental awareness content.
- Directed weekly shoreline and park cleanup events with 15+ volunteers, coordinating logistics, outreach, and on-site operations to measurably improve local environmental conditions.

PROJECTS

Wildcat Calendar — Full-Stack School Event Platform

Feb 2026 – Present

bcss-calendar.vercel.app · React 19, TypeScript, Node.js, Express, PostgreSQL, Prisma, Vercel

- Designed, built, and deployed a production full-stack Progressive Web App serving 1,500+ students and faculty as Burnaby Central's centralized hub for club discovery, event scheduling, and school announcements.
- Engineered a four-view interactive calendar (month, week, day, agenda) with recurring events, in-calendar admin editing, Markdown descriptions, printable PDF schedules, and native Google and Apple Calendar integration.

- Achieved sub-100ms load times via real-time Server-Sent Events sync, offline service-worker caching, and consolidated batch APIs; hardened the backend with JWT HttpOnly sessions, bcrypt hashing, and per-device rate limiting.

LEADERSHIP & EXTRACURRICULARS

Co-Prime Minister — Student Government

May 2026 – Present

Burnaby Central Secondary School · (formerly Minister of Technology May 2025 – May 2026; Grade 8–10 Representative Sep 2022 – May 2025)

- Advocate for 1,500+ students, coordinating directly with school administration, faculty, and district leadership to address student needs and policy feedback.
- Direct, mentor, and align a 60+ member student government team, overseeing executive committees, delegating key responsibilities, and ensuring accountability.
- Oversee the end-to-end strategy, budgeting, and execution of major school-wide events, spirit weeks, assemblies, and community outreach programs.

Co-Leader — The Good Guys

Jun 2026 – Present

Burnaby Central Secondary School · (formerly Presidential Advisor, Jun 2025 – Jun 2026)

- Direct strategy and community initiatives promoting kindness, local outreach, and civic engagement across the student body.
- Build collaborative student teams and establish local partnerships to expand the chapter's impact; previously advised the club president and helped run fundraisers raising over \$1000 (Jun 2025 – Jun 2026).

Co-Leader — Chess Club

Jun 2026 – Present

Burnaby Central Secondary School · (formerly Executive, Sep 2025 – Jun 2026)

- Lead the expansion of an after-school chess teaching initiative at local elementary schools, introducing younger students to the game and fostering community engagement.
- Drive recruitment strategies to boost student involvement and cultivate an inclusive chess community.

President — Debate Club

Nov 2025 – Present

Burnaby Central Secondary School · (formerly Marketing Manager, Sep 2024 – Nov 2025)

- Led weekly debate sessions for 15+ members, implementing structured coaching in formal argumentation, critical analysis, and public speaking, resulting in measurable member improvement.

Event Coordinator — Bright Minds

Oct 2025 – Present

Burnaby Central Secondary School

- Spearheaded mental health awareness initiatives including the Cozy Room event, organizing a team of volunteers and partnering with teachers to promote student mental well-being.

Co-Leader — Math & Computing Club

Sep 2024 – Present

Burnaby Central Secondary School

- Directed weekly problem-solving sessions for 20+ members, fostering a collaborative environment for exploring advanced mathematical concepts and preparing students for local and regional competitions.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, HTML, CSS, Dart, C++, Rust

Frameworks & Technologies: React, Node.js, Express, PostgreSQL, Prisma ORM, Vite, Progressive Web Apps, Server-Sent Events

Tools & Platforms: GitHub, GitHub Pages, Vercel, Godot, Unity, Instagram (content strategy & analytics)

Core Competencies: Event management, sponsorship acquisition, team leadership, public speaking, mentoring, community outreach, cross-stakeholder communication

INTERESTS & ATHLETICS

Athletics: Competing in track & field, cross country running, and basketball developing discipline, resilience, and teamwork through year-round athletic commitments.

Other Interests: Competitive hackathons and indie game development · Chess and mathematics competitions · Astronomy and STEM innovation · Environmental sustainability and community service

REFERENCES

Randy Kamiya | Business Teacher, Burnaby Central Secondary School | Randy.Kamiya@edu.burnabyschools.ca

Graham Hendry | AP Coordinator, Mathematics Department Head, Technology Liaison & Student Government Sponsor Teacher, Burnaby Central Secondary School | Graham.Hendry@burnabyschools.ca

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