Bedro Park

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TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, WordPress, Material-UI, FastAPI, SpringBoot
Databases: PostgreSQL
Developer Tools: GitHub, GitHub Actions (CI/CD), Docker, AWS Lambda, Postman, VS Code, IntelliJ IDEA, Eclipse
AI / Automation: OpenAI APIs, Prompt Engineering, NLP Pipelines, n8n

TECHNICAL PROJECTS

PromptCraft: AI-Driven Procedural Map Game | *nwHacks 2026*   January 2026
- Built an infinite 2D open-world game that procedurally generates playable maps using AI-guided prompts
- Designed a Python + Django backend to interface with the AI API, generating structured map layouts
- Implemented a React frontend with Phaser.js for real-time rendering, player movement, and physics-based interactions across dynamically generated terrain

AI-Powered Cold Outreach Optimization for Realtors   December 2025 – January 2026
- Artificial Intelligence machine learning and prompt engineering intern.
- Selected for a paid matched project focused on designing and optimizing AI prompts and create pipeline for realtor cold-outreach workflows.
- Built an automated outbound-email pipeline in n8n, integrating dynamic variables, logic routing.

SFU Course Enrolment Helper | *Full-Stack Web Application*   November 2025 – December 2025
- Built a full-stack course enrolment helper platform with AI-generated professor summaries, semantic search, and microservice architecture such as Data Pipelining using FastAPI, PostgreSQL, and Docker.
- Aggregates SFU professor and Course Data using SFU course outline REST API to scrape professor's RMP and Reddit reviews by using customized auto scraper
- Integrated user interaction using user service such as log in, save favorite, preference features for user.

TECHNICAL EXPERIENCE

ICPC (International Collegiate Programming Contest)   January 2023 – February 2023
University of British Columbia   *Vancouver, BC*
- Competed in a prestigious global programming competition, solving 7/10 problems in 4 hours and ranking in the top 30% on first attempt
- Strengthened high-pressure problem-solving and adaptability through diverse, time-constrained algorithmic challenges

EXTRACURRICULAR WORK EXPERIENCE

Executive Tech Team Member | *SFU Open Source Development Club*   May 2025 – Present
- Designed and deployed backend services with APIs and JSON data handling to automate recruitment workflows and email notifications for multiple teams
- Built and maintained scalable website features in collaboration with cross-functional teams, aligning technical tools with organizational needs

Private Math Tutor | *Pre-Calculus, AB & AP Math, Calculus*   February 2025 – July 2025
- Developed customized lesson plans and practice materials to strengthen conceptual understanding and improve problem-solving skills.
- Explained complex calculus concepts—such as limits, derivatives, and integrals—in clear, accessible language.

EDUCATION

Simon Fraser University   January 2023 – Present
Bachelor of Arts in Computer Science   *Burnaby, BC*

Trinity Western University   September 2022 – December 2023
Bachelor of Arts in Computer Science   *Langley, BC*