

# Bedro Park

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## TECHNICAL SKILLS

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**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

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### 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 (**\$1,400 stipend**) 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.
- Applied hands-on skills in AI, NLP, automation, and digital marketing to deliver measurable workflow improvements.

### 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.

### Discord Multi-Agent AI Bot | *Python, TypeScript, Shell, JavaScript, Docker*

January 2025 – August 2025

- Built a multi-agent Discord bot simulating software team roles (Front-end, Back-end, DevOps, Scrum Master) using OpenAI models, role-specific prompts, and autonomous agent behavior
- Containerized and deployed via Docker, AWS Lambda, and GitHub Actions with automated Bash testing, achieving reduced latency and consistent CI/CD pipelines

## TECHNICAL EXPERIENCE

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### 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

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### 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

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### 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*