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
Developer Tools: VS Code, IntelliJ, Eclipse, GitHub, GitHub Action (CI/CD), Postman, Docker
Libraries: Pandas, Gson, Flask
Bilingual: Korean, English

TECHNICAL PROJECTS

OS Dev Club Website Automation Project | *Node.js, React, Spring, Java*   September 2025 – Present
- Developed a recruitment automation tool for SFU's Open Source Development Club, featuring form-based UI with validation, JSON data structuring, API integration, and automated email dispatch to team lists
- Implemented secure file handling (resumes, cover letters, forms) and researched scalable cloud deployment options (AWS, Firebase, Supabase) for reliability

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

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
- Mentored junior developers in version control, cloud integration, and systematic debugging to ensure reliable, maintainable systems

Private Math Tutor | *Pre-Calculus, AB & AP Math, Calculus*   February 2025 – July 2025
- Provided personalized one-on-one tutoring for high school students in Pre-Calculus, AP Calculus AB, and advanced mathematics.
- 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*

INTERESTS

Interests: Distance running, Fitness, Football, AI Algorithms, Musical Instruments