Joaquin Garcia

Phone Number | Email | linkedin.com/in/joaquinbgarcia | github.com/joaquinbgarcia216

EDUCATION

University of British Columbia   Expected May 2026
Bachelor of Commerce, Combined Major in Business and Computer Science   *Vancouver, BC*

- **Awards:** Dean's List (2022), One World International Scholarship (2024), Go Global Award (2024)
- **Relevant Coursework:** Relational Databases, Quantitative Decision Making, Application of Statistics in Business, Logistics and Operations Management, Management Information Systems Technology & Development

TECHNICAL SKILLS

Databases and Querying: SQL, MySQL, R, ERD Design, Data Validation & Cleaning
BI & Developer Tools: Power BI, Power Query, Tableau, Excel, Git, GitHub, VSCode, IntelliJ, Microsoft Office
Programming: Python (pandas, NumPy), JavaScript, Java

EXPERIENCE

Atria Cooperative   July 2025 – Present
Volunteer Software Engineer   *Remote*

- Designed an entity-relationship diagram (ERD) for a volunteer opportunity platform used by 5+ stakeholder groups, aligning schema logic with user needs and scalable backend workflows
- Transformed cross-functional product specs into a normalized database structure using Mermaid and SQL-based modeling standards
- Collaborated with remote engineers and product leads to iterate on system architecture for the upcoming **Django REST API** and **React**-based build phase

UBC BizTech   May 2023 – Apr 2025
Event Director, Mentorship Program Lead   *Vancouver, BC*

- Designed and maintained a data-driven mentorship matching system for **60+ mentees and 40+ mentors** using Google Forms, Sheets, and iterative feedback loops
- Introduced project-based learning paths where each mentee group delivered a technical project within 3 weeks, culminating in a final showcase event
- Collaborated with media, data, and dev teams to support back-end infrastructure, automate processes, and streamline analytics for continuous improvements

PROJECTS

Dance Scheduler | *Sole Developer*   Jul 2023
GitHub: Dance Scheduler

- Developed a Java-based scheduling MVP for a local dance studio, validated by studio leadership for real-world adoption
- Utilized **TDD** with **JUnit5** to reach 100% test coverage, implementing JSON serialization and **OOP principles**
- Built a GUI using Java Swing for intuitive class organization, paving the way for an upcoming web-based implementation

Garden Paradise | *Developer, Exchange Project*   Nov 2024 – Dec 2024
GitHub: GardenParadise

- Created a **Python**, **SQL**, and **Tkinter**-based plant search app with 1000+ records, focusing on data integrity
- Leveraged **Pillow (PIL)** for image processing and integrated advanced/quick search flows
- Prioritized clean code and robust queries, minimizing errors through early-stage **data validation** and **cleaning**

INTERESTS

Interests: Dance, Volleyball, Escape Rooms, Languages (Tagalog, Korean, French), Game Dev