# Diego Buencamino

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## EDUCATION

**Simon Fraser University**                                                        Burnaby, BC
*Bachelor of Science in Computing Science*               *September 2018 – August 2024 (Expected)*

## EXPERIENCE

**Convivial Jewelry**                                                              Surrey, BC
*Front-end Developer*                                                    *May 2023 – Present*
- Designed and built the company's e-commerce website on Squarespace to streamline day-to-day operations.
- Leveraged JavaScript and CSS to shape the website to the owner's specifications.
- Maintained the company's online presence by regularly updating the website to reflect current promotions.

*Operations Coordinator*                                            *September 2023 – Present*
- Contributed to the growth and success of the company by working with the owner to manage daily operations.
- Participated in weekly team meetings to enhance communication and coordination within the company.
- Initiated the creation of an ambassador program to elevate marketing efforts and increase brand exposure.

**Staples Canada**                                                             White Rock, BC
*Technology Associate*                                                    *June 2019 – Present*
- Contributed to sales targets by leveraging product knowledge and communication skills to drive revenue.
- Achieved a high customer satisfaction rate by resolving technical issues for customers.
- Enhanced customer loyalty by facilitating rapid repair and maintenance of devices.

## PROJECTS

**BeagleDashCam** | *C/C++, Embedded Linux, NodeJS*
- Designed a full-stack, embedded vehicle dash camera to record driving footage in a vehicle.
- Implemented motion- and accident-sensing capabilities to improve the reliability of the dashcam.
- Integrated geo-tagging into saved video clips by configuring and parsing data from an attached GPS module.
- Developed a web interface using NodeJS to facilitate the ease-of-use of the dashcam.

**Cypress, a Discord Bot** | *JavaScript, NodeJS*
- Developed an interactive Discord bot to enhance server management and engagement.
- Implemented API integration for Wikipedia, OpenWeatherMap, and MyAnimeList.
- Fostered open-source collaboration by involving other developers and detailing deployment steps on GitHub.

**Monty Mayhem** | *Godot, GDScript*
- Worked with a team of developers, illustrators and sound designers to develop an RPG point-and-click game.
- Coordinated with the project manager to convert their conceptual requirements into game logic.
- Streamlined the development process by creating and maintaining the code and asset repository for the game.

**SFU Course Planner** | *Java, Spring Boot*
- Developed a student-centric web-based application to streamline the process of searching for course listings.
- Allowed expandability of course data by adding RESTful API integration to the project.
- Implemented a course watcher using the *observer pattern* to update students on any new openings for a course.

**Vehicle Insurance and Registration Database** | *mySQL, PHP, CSS*
- Established a structure for a database by developing an entity-relaionship diagram and schema.
- Developed a database by creating a PHP front-end to interface with the SQL backend.
- Ensured data integrity by resolving any constraint violations.

## TECHNICAL SKILLS

**Languages**: C, C++, Java, JavaScript, Python, HTML/CSS, GDScript
**Tools**: Git, Visual Studio Code, IntelliJ, Amazon Web Services, LaTeX, Microsoft Office Suite
**Technologies**: Linux, GitHub, NodeJS, Spring Boot, Squarespace, pandas, NumPy, Matplotlib