# Rajdeep Dhillon

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## TECHNICAL SKILLS

**Programming Languages:** C++, Python, Rust

**Technologies:** Git, SQL, Visual Studio Code, PyCharm, Docker, Valgrind, Arduino, Lucidchart, Balsamiq, HTML, CSS

**Environments:** Windows, Linux, macOS

## GENERAL SKILLS

**Verbal Languages:** Fluent English and Punjabi, proficient Hindi, basic Spanish

**Soft Skills:** Excellent teamwork, strong communication, driven, problem-solving, independent, fast learner, adaptable, self-challenging, striving for growth

## EDUCATION

**Bachelor of Science in Computer Science** Expected June 2024

*Seattle Pacific University, Seattle, WA*

- **Relevant Coursework:** Data Structures II, Systems Design, Applications Programming, Mathematics for Computer Science (Discrete Math), Engineering Probability and Statistics, Linear Algebra, Differential Equations, Calculus III

## WORK EXPERIENCE

**Real Estate Broker**

*Skyline Properties, Inc, Bothell, WA* February 2019 - Present

- Facilitated the sale of a home and negotiated a purchase price of $510,000; $31,000 over the listing price
- Compared multiple offers containing escalation clauses to formulate and retrieve the winning offer
- Coordinated with Loan Officers to achieve the sale of a home contingent upon the buyer's pending sale of their current house in another state
- Conducted market research to evaluate the fair price for a home and then guided and persuaded the seller towards the appraised price of $434,950
- Presented critical findings regarding an undisclosed stream buffer to the listing agent and retrieved an extension for the feasibility contingency, acquiring an advantage for my buyers

## PROJECTS

- **Quotes Application:** Employed C++, SQLite, and Qt with an MVC architectural pattern to develop an application capable of storing and editing quotes. I created an ERD for all the required data, after which SQLite was used for the database. Designed UI by creating user personas and a mood board. The presentation layer was then implemented in Qt. Finally, C++ was used to implement the business logic connecting the other two layers of the application.
- **Smart Garage:** Using C, connected an Arduino and HC-05 Bluetooth module to my old garage to grant it Bluetooth capabilities, allowing the garage door to be opened from my phone.
- **Sentiment Analysis:** Program, coded in C++, parsed through film-review files, which contained reviews and ratings to then generate a rating for future reviews provided by the user. Implemented classes and functions that parsed reviews to extract words and ratings, stored information for each word, read/write to the word array, and determined the sentiment score assigned to each word. This was then used to analyze the user's review inputted and generate a rating using the data obtained from the movie-review files.

## INTERESTS

Cooking | Hiking | Baking | Reading science fiction and fantasy | Gaming | Exercising