

Daniel Liu

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Work History

Real Estate consultant

- **Director's award in 2017 for Real Estate Services at Sutton Group West Coast Realty**
- **Negotiated deals for over 15% below market value**
- **Advised in transaction of deals totaling over \$15MM**
- **Worked with developers to assist in land acquisition process and zoning consultant**
- **Used quantitative analysis (ROI/CAP rate/Leveraged ROI) and approach in advising investors**

Poker Professional

- **Consistent winner over 6 years over 10,000,000 hands tracked through PostGresSQL**
- **Top 10 biggest profit in world at (\$0.5/1 zoom)_{stakes} from 2012-2015**
- **Coached and mentored over 15 players to becoming professionals**

Tutoring and Administrative work at Kumon

- **One of the youngest tutors at Kumon North America(Metrotown Branch) to teach high level algebra and introductory calculus**
- **Helped manage the time-sheets and attendance of over 25 employees and 250+ students**
- **Assisted in helping to train other tutors at Kumon**

Technical Skills

Quantitative analysis skills

- **Strong understanding of Game Theory as an approach for abstraction; to derive solutions for simplifying strategies for complex decision trees**
 - **Application of PostgreSQL DB GUIs for the use of data mining and data analysis**
 - **Using data analytic tools with large sets of data to deconstruct user tendencies_{poker players} of a population pool; constructing strategies that deviate from Game theory based on deviations of population for purpose of maximizing expected value.**
 - **Breaking down the variables of a real estate deal to digestible components eg. "Holding costs, interest rates, expected appreciation zoning bylaws, construction costs etc" to better analyze the value of a subject property**
- Time management and Risk Management**

- **Working with up to 10 clients simultaneously managing multiple deadlines, different expectations and conflicting interests.**
- **Manage risk using Kelly-Criterion based on Risk of Ruin to ensure that less than 2% of the allocated funds would ever be at risk.**
- **Using variance simulators and active database to proactively quantify the likelihood of loss within a given sample size or time period.**
- **Verbalizing the many real estate risk factors to clients who have limited exposure to investing in real estate.**

Education

- **BCIT-CST Diploma 2019-Present**
- **UBC, Faculty of Science 2011-2013**