DERRICK CUI

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EDUCATION

University of California, Berkeley.   **Expected Graduation May 2025**
- *Intended* Pre-Haas/Computer Science Double Major

Bayview Secondary School, Richmond Hill, Ontario.   **2017-2021**
- GPA 4.11, IB program Diploma 42/45, SAT 1510

EXPERIENCE

Next Gen Consulting   Berkeley, CA
Analyst   September 2021- Present
- Consulting for Lattice, a $1 billion valued people management platform company
- Collecting and analyzing key metrics breaking down regional competitors and partners across the EMEA, APAC, and LATAM regions
- Synthesizing findings through slide decks and reports to construct comprehensive global landscape

Business Review Berkeley.   Berkeley, CA
Economics Department Writer   September 2021- Present
- Writing economics articles analyzing current and long-term economic trends, like analyzing the video game pricing mechanism, the empirical evolution in economic research, and the impact of Biden's stimulus packages on decarbonization
- Collected and synthesized secondary research by analyzing data and opinions from leading publications like the Economist, Wall Street Journal, the New York Times, World Bank, IMF.

FBLA (Future Business Leaders of America) Chapter   Bayview Secondary School, ON
Chapter President   June 2020- June 2021
- Improved long term club sustainability through expanded outreach and training, increased club membership by 200%
- Led the club to achieving 4 times as many international competition qualifiers
- Selected a cohesive executive team and led executive meetings while spearheading operational events like promotional fairs, grassroots club outreach, and operational structure

PROJECTS

Autocorrected Typing Software, *CS 61a (Structure and Interpretation of Computer Program)*   August 2021 - December 2021
- Designed and coded a program that measures typing speed as well as autocorrects incorrect words, inspired by typeracer
- Used Python to implement logic and various data structures and functions, like dictionaries, recursion, trees

Ants Vs Bees, *CS 61a (Structure and Interpretation of Computer Program)*   August 2021 - December 2021
- Designed and coded a game where players deploy ants to fight off incoming bees, similar to Plants Vs Zombies
- Used Python to implement logic through classes, attributes, dictionaries, lists

Impact of COVID on the Labor Market, *DSS Datathon*   November 2021
- Analyzed the impact of COVID on the US Labor Market using DeepNote with data from the World Bank
- Created graphs and regressions comparing the vaccination rate and death rate to the unemployment and labor participation rates for all US states

Fiction Novel, *Personal Project*   January 2020- August 2020
- Wrote and published my own 40,000 word fiction novel that follows Om and the Ice King's journey as they climb a huge mountain and reminisce about their past
- The story explores the countless contradictions in life which create both complexity and confusion
- All initial sale profits were donated to charity (Daily Bread Food Bank)
- Available on Amazon, Barnes and Nobles, Google Books, Walmart

3-D Printed Face Shields, *Personal Project*   March 2020- April 2020
- Designed and 3D printed hospital-approved face shields using accessible materials with easy assembly
- Donated 200+ face shields to local hospitals during PPE shortage

SKILLS/HOBBIES

Software: Python, Java, r, SQL, regex, BNF, Scheme, Fusion 360, Arduino, Microsoft Office
Hobbies/Other: sanding, painting, spray painting 3D prints and maintaining 3D printers, esports competitor as the D2 UC Berkeley Overwatch Tank player