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| **Buyankhuu Tsolmonkhuu** |
| Berkeley, CA • buyankhuuts@berkeley.edu • (949)–345-5751 |

**EDUCATION**

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| University of California, BerkeleyBachelor of Arts in Computer Science | Berkeley, CA May 2025 |

* Relevant Coursework:

CS61A: Structure and Interpretation of Computer Programs

EPS C82 Oceans

CS61B: Data Structures

Math 1A, 1B Calculus

* Extracurricular Activities: Data Science Society, Asian-American Association, Alpha Phi Omega

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| Northwood High SchoolHigh School Diploma | Irvine, CA June 2021 |

* Relevant Coursework:

AP Computer Science A

AP Computer Science Principles

AP Calculus BC

Honor Integrated Science ½

Enhanced Math 2/3

* Awards/Recognitions:

Princeton Book Award

Honor Roll

Nomination for Boys State

JV Volleyball Most Improved Player

* Extracurricular Activities: Cubesat, Technology Club, Student Forum, Class Council, Volleyball, Peer Tutor

**Professional Certifications**

* CS50 Web Programming with Python and JavaScript | Harvard College
* CS50 Introduction to Computer Science | Harvard College
* C Programming: Language Foundations | Dartmouth/Institut Mines-Telecom
* C Programming: Advanced Data Types | Dartmoth/Institut Mines-Telecom
* C Programming: Modular Programming and Memory Management | Dartmouth/Institut Mines-Telecom

**TECHNICAL PROJECTS**

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| **Data Science Society Group Project** | Aug 2021 - Dec 2021 |

* Built automated recommendations for Amazon sellers to give feedback on their product by analyzing and identifying areas of improvement in shipping processes, quality of product, cost, and marketing
* Created an algorithm to apply sentiment analysis on Amazon reviews to identify product pros and cons

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| **CS61A Course Projects** | Aug 2021 – Dec 2021 |

* Devised a simulation and strategies for a dice game using higher-order functions and control statements
* Built a multi-player program that measures one’s typing speed and accuracy
* Created a defense game called “Ants”, akin to Plants vs. Zombies, using OOP

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| **Datathon Project** | Nov 2021 |

* Participated in Social Good Datathon of the Data Science Society to visualize evidence of environmental racism in California. Analyzed the correlation between CalEnviroScreen Score and self-reported racial demographic data. The results reflected disproportionate social impact in certain communities.
* Our team won the 2nd place out of 12 participating teams

**ADDITIONAL INFORMATION**

**Technical Skills:** Python, Java, C, SQL, Scheme, BNF