

Education

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| Colorado School of Mines, Golden, CO | May 2020 |
| B.S. Computer Science | Major GPA: 3.0 |

Project Experience

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| Field Session Project – Uber Technologies, Boulder, CO | June 2019 |
| Final Report: http://cs-courses.mines.edu/csci370/FS2019S/FinalReport/Uber.pdf | |

- Group project done for the client Uber as part of the course Advanced Software Engineering (Field Session for Computer Science)
- Created a RESTful API using the Dropwizard Java Framework
- Created a web interface
- Automated SQL database functions in Java
- Designed methods for testing performance and scalability.

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| Clue Game – Colorado School of Mines, Golden, CO | Spring 2019 |
| <ul style="list-style-type: none">• Recreation of Clue in Java as part of the course Software Engineering | |

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| Database Management Project – Colorado School of Mines, Golden, CO | Fall 2018 |
| <ul style="list-style-type: none">• Used Java and SQL to analyze large amounts of data as part of the course Database Management | |

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| Breakout Game – Colorado School of Mines, Golden, CO | Fall 2016 |
| <ul style="list-style-type: none">• Recreation of the Game Breakout in C++ including a level editor and many features | |

Work Experience

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| Dankook University (Teaching Intern) – Yongin, South Korea | July 2019 |
| <ul style="list-style-type: none">• Taught English to a small class for 3 weeks• Part of a study abroad trip | |

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| United Studios of Self Defense 4S Ranch (Assistant Instructor) – San Diego, CA | 2012-2016 |
| <ul style="list-style-type: none">• Taught private and group lessons for children and teenagers and provide feedback | |

Technical Skills

Programming Languages: C/C++, Java, JavaScript, Python, SQL, Assembly Language (MIPS)
Software: MATLAB, Bash, MS Office (VBA), SolidWorks, R, Polymath, Aspen Plus