

OLIVIA HUANG

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EDUCATION

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| University of Southern California, Marshall School of Business – Los Angeles, CA <i>Master of Science in Business Analytics (STEM), Dept. of Data Sciences and Operations</i> | Dec 2018 |
| University of California, Los Angeles – Los Angeles, CA <i>Bachelor of Science, Mathematics/Economics Minor: Entrepreneurship</i> <i>Honors: Dean's Honor List</i> | June 2017 |
| Yonsei International Summer School – Seoul, South Korea <i>Courses: Game Theory, Korean Economy</i> | June 2015 |

EXPERIENCE

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| American Society of Composers, Authors, & Publishers (ASCAP) – Los Angeles, CA <i>Film & TV Intern</i> <ul style="list-style-type: none">Spearheaded member royalty projects by preparing spreadsheets and investigating distribution changes, retaining four high profile composersAnnotated distribution statements with entitlements to royalties for three consecutive movies, maintaining a high-profile ASCAP composerSearched cue sheet database with over 10,000 records for specific works, resolving Film & TV member queries | 2017 |
| Ground Control Entertainment – Los Angeles, CA <i>Music Supervisor and Music Coordinator Intern</i> <ul style="list-style-type: none">Tracked project submissions, filed songs and lyric sheets to update and organize database of songs for FOX and ABC projects | 2016 – 2017 |

PROJECTS

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| Unsupervised Machine Learning Project <i>Fraud Analytics Course</i> <ul style="list-style-type: none">Used R and Tableau to analyze 2011 New York Property data to detect abnormality and potential fraud in datasetPerformed feature analysis methods including dimensionality reduction through Principal Component Analysis and fraud score calculation using Heuristic Algorithm | Spring, 2018 |
| Geospatial Analysis of Los Angeles County Homelessness <i>Statistical Computing and Data Visualization Course</i> <ul style="list-style-type: none">Cleaned and analyzed data on LA County homeless count, pinpointing vulnerable youth homeless subpopulationCrafted visualizations and formal presentation to map homeless trends and statistics, presenting compelling analyses, recommendations, and dashboard to Los Angeles County | Fall, 2017 |
| Constructing Linked Database for Early Race Film Based on the George P. Johnson Collection <i>Museum for Digital Ages Course</i> <ul style="list-style-type: none">Researched and designed a semantic model of early race films, preserving records of film detailsFamiliarized with linked open data and SPARQL, creating a final paper for reference by researchers and students | Spring, 2017 |
| Voca VR <i>Product Development Course</i> <ul style="list-style-type: none">Developed company that leverages virtual reality technology in Human Resources for recruitingDesigned business model canvas and product ecosystem, creating strategic framework for Voca VR company | Spring, 2016 |

SKILLS

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| Programming: | R (Dplyr, Shiny), Python (Numpy, Pandas), SQL, Tableau |
| Visualization: | Adobe Illustrator / InDesign, Tableau, (R: ggplot2), spatial visualization (R: ggmap) |
| Optimization: | Gurobi (Python) |
| Languages: | English (native), Mandarin (proficient) |

LEADERSHIP

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| Finance Director , Taiwanese American Union (UCLA) | 2014 – 2015 |
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CERTIFICATION

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| Data Manipulation in R (DataCamp) | 2017 |
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