

# ALISON KING

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## EDUCATION

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### M.S. in Biostatistics

Expected: March 2023

University of Washington | Seattle, WA

- Learning about data science and statistics and their applications in public health, medicine, and environmental studies

### B.S. in Applied Mathematics / Minor in Studio Arts

May 2020

Loyola Marymount University | Los Angeles, CA

- Division I Varsity Student-Athlete – Women's Soccer – All WCC Second Team
  - Overall GPA of 3.84 (4.0 scale) – Magna Cum Laude
  - Pi Mu Epsilon Mathematics Honors Society and Alpha Sigma Nu Jesuit Honors Society member
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## SKILLS AND RELEVANT CLASSES

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- Coding experience in R, Python, MATLAB, and Unix/Linux
  - Skilled in Microsoft Office Suite (Excel) and Adobe Suite (Illustrator, InDesign, and Photoshop)
  - Classes: Probability and Statistics, Machine/Deep Learning (AI), Mathematical Modeling, Data Science/Visualization, Public Health
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## RESEARCH AND INTERNSHIP EXPERIENCE

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### Orlando City Soccer Club

Sport Science Intern | Orlando, FL (Remote)

August 2020 – September 2021

- Analyzed and visualized large sets of physiological and match data to understand patterns of fatigue and performance in professional soccer players and better inform coaching decisions

### Loyola Marymount University Department of Mathematics

National Science Foundation Grant Research Assistant | Los Angeles, CA

August 2018 – May 2020

- Grant Title: Undergraduate Data Pathways | Amount: 400k | Principal Investigator: Anna Bargagliotti
- Collaborated with a team of students to create predictive models using machine learning and statistical techniques as well as data visualizations for ranked, network, and cyclic datasets

### University of Michigan School of Public Health

Biostatistics Research Student | Ann Arbor, MI

June 2019 – July 2019

- Analyzed and visualized large genomics datasets to complete a Mendelian Randomization study as part of the UM Big Data Summer Institute
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## WORK EXPERIENCE

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### Recreational Equipment, Inc. (REI)

Frontline Customer Service Team Member | Seattle, WA

August 2021 - April 2022

- Working to ensure customers have a positive experience in store and help resolve issues

### Whole Foods Market

Cashier Team Member | Rockville, MD

January 2021 – June 2021

- Provided efficient, friendly service to customers while working the register and fulfilling online orders

### Loyola Marymount University Athletics Department

Math Tutor | Los Angeles, CA

January 2017 – May 2020

- Helped fellow student-athletes in Calculus, Pre-Calculus, Trigonometry, Statistics, and Algebra
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## LEADERSHIP

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- Team Captain of the Women's Soccer Team at Loyola Marymount University
- 2020 Recipient of the LMU Sr. Raymunde McKay R.S.H.M. Award for Service and Leadership