

Johnathan Ly

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EDUCATION

California Polytechnic State University - San Luis Obispo

San Luis Obispo, CA

Bachelor of Science in Statistics

September 2018 - June 2022

- GPA: 3.365
- Honors: Mu Sigma Rho National Honor Society for Statistics

WORK EXPERIENCE

Statistical Consulting - Senior Project

San Luis Obispo, CA

Consultant

March 2022 - June 2022

- Analyzed environmental and disease incidence data on a 5 year study of 8 strawberry cultivars conducted by the Cal Poly Strawberry Center with a team of 3 other students
- Collaborated with director of Cal Poly Strawberry Center to make recommendations on environmental conditions explanatory of disease incidence in strawberries
- Led an initial consulting session on a team of 3 other students with an undergraduate student to verify provided data necessary to conduct statistical analysis on her research project with 6 WIC clinics
- Researched sociodemographic factors and bottle-feeding practices predictive of a mother's likelihood to breastfeed their child using a logistic regression model in SAS with a team of 2 other students
- Communicated findings of statistical analyses to clients through written reports and reproducible analysis files

Cal Poly Writing and Learning Center

San Luis Obispo, CA

Statistics Tutor

September 2020 - July 2021

- Assisted 4-6 Cal Poly students per week with homework and projects for their introductory statistics courses in one-on-one scheduled tutoring sessions
- Reviewed non-technical Cal Poly students' experimental designs and statistical analyses for their senior projects and provided guidance on improvements to be made
- Oversaw drop-in one-on-one and group tutoring for Cal Poly students in need of assistance with their mathematics and statistics courses

PROJECTS

League of Legends Esports Dashboard

- Scraped and cleaned data on professional League of Legends Esports games using Requests, BeautifulSoup, and Pandas and created a dashboard to analyze data using Plotly and Dash

More projects and information on: [Github](#) | [Personal Website](#)

SKILLS

Programming: Python (Jupyter), R, SQL (Apache Spark, NoSQL), Machine Learning, SAS, Java

Statistics: Probability, Experimental Design, Statistical Modeling, Time Series, Multivariate Statistics

Data Analytics/Visualization: Microsoft Excel, Tableau

CERTIFICATIONS

Data Science with Databricks for Data Analysts - Coursera

May 2022

Skills utilized: Apache Spark, Python, ML

IBM Data Science Specialization - Coursera

April 2022

Skills utilized: Python, SQL, ML, Data Visualization