Chris Y. Liu

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EDUCATION

California Polytechnic State University, San Luis Obispo   Sep 2023 – May 2027
Bachelor of Science in Statistics, Cross Disciplinary Studies Minor in Data Science   *GPA: 3.5*

- **Statistics** Coursework: Statistics I-II, Statistical Computing w/ SAS, Statistical Computing w/ R, Introduction to Probability & Simulation, Design & Analysis of Experiments I, Introduction to Data Science, Applied Linear Models, Bayesian Reasoning & Methods, Applied Multivariate Statistics, Probability Theory
- **Computer Science** Coursework: Data Structures, Object-Oriented Programming & Design, Design & Analysis of Algorithms, Introduction to Database Systems, **Knowledge Discovery From Data**
- **Mathematics** Coursework: Multi-variable Calculus, Linear Algebra I-II, Methods of Proofs in Mathematics, Graph Theory

RELEVANT EXPERIENCE

Mathematics Education Researcher   Jan 2025 – present
The Role of Derivative Representations and Student Experiences in Task Design   *San Luis Obispo, CA*

- Create and expand upon theoretical frameworks for analyzing student understanding in calculus

Generative Artificial Intelligence Researcher   Jun 2024 – Aug 2024
Optimizing Resume Authenticity & ATS Compatibility with LLM Feedback Integration   *San Luis Obispo, CA*

- Properly formatted several hundreds of generated resumes via Overleaf into PDF format for Enhancv scoring
- Meticulously evaluated each resume for truthfulness in score for statistical evaluation
- Discussed roadblocks and tasks three time a week in real-time video conference w/ colleagues

Data Science Researcher   Jan 2024 – Jun 2024
Deep Learning for Search & Rescue   *San Luis Obispo, CA*

- Applying R for thorough data cleaning and visualizations, ensuring the utmost quality and integrity of datasets for analysis by group-developed multi-modal AI to locate missing person(s)
- Randomly sampled hundreds of images generated by multi-modal AI to validate images of the location where missing person(s) disappeared

Product Analyst   Jun 2022 – Aug 2022
C&J CO. - Internship   *Pomona, CA*

- Conducted comprehensive market research on eBay identify market trends and potential opportunities for product enhancement
- Established and monitored key performance indicators (KPIs) to assess product performance and track progress
- Contributed to stages of the product cycle, from information gathering to launch and post-launch analysis

TECHNICAL SKILLS

Languages: Python, Java, SQL, R, SAS
Developer Tools: Git, GitHub, RStudio, JMP, VS Code, Azure Data Studio, MongoDB

ADDITIONAL EXPERIENCE

Club Representative/Open House Cordinator   Sep 2024 – present
Statistics Club - Cal Poly   *San Luis Obispo, CA*

- Attend monthly meetings hosted by Bailey College of Science & Math, providing updates relevant to the club
- Organize and coordinate Open House for prospective Statistics majors, showcasing the activities of the club

Note Taker   Apr 2024 – Dec 2024
Volunteer - Disability Resources Center   *San Luis Obispo, CA*

- Uploaded notes for various classes in a timely fashion to provide equitable access to lecture information while promoting inclusion for persons with disabilities
- Contributed 40 hours of volunteer service while demonstrating a commitment to supporting academic accessibility and fostering an inclusive learning environment