Noah C. Sano

noahcsano@berkeley.edu | linkedin.com/in/noah-sano-062601 | Portfolio: **noahcsano.github.io/ns_port**

Education

University of California, Berkeley   Expected Graduation: May 2024
B.S. Data Science & B.S. Cognitive Science   GPA: 3.6
Computer Science Minor   Japanese & English Native

Courses: *Machine Learning & Data Analytics, Data Engineering Data Structures, Artificial Intelligence, Principles of Data Science, Computer Architecture, Computer Security, Probability Analysis and Discrete Math*

NCAA Division 1 Student Athlete (Team Captain)   *August 2019 - Present*
- Dedicated 20+ hours/week of collegiate training as a member of the UC Berkeley Men's Gymnastics team
- Selected as the 2023-24 captain, facilitating team meetings and serving as a consultant to the coaches
- CGA/Pac-12/MPSF All-America Scholar Athlete, winner of the team's Hardest Worker Award(2023)

Cal Athletes Tech Organization   *December 2023 - Present*
- Co-founded a tech oriented club aimed to bridge the gap between student-athletes and the tech industry
- Coordinated meetings featuring 20+ guest speakers from prominent tech companies, networking opportunities, and resume and LinkedIn workshops for over 50 student-athletes

Skills

Programming: *Python, SQL (MySQL, PostgreSQL), Javascript, Java, C, HTML, CSS, R, Go, RISC-V*
Libraries/Tools: *NumPy, Pandas, Scikit-learn, Statsmodel, Matplotlib, Seaborn, Scipy, Git, NLTK, Jupyter*

Experience

UX Design & Development Intern   **Los Angeles, CA**
Company: Scorpion   *June 2023 - August 2023*
- Proactively identified and addressed potential UX/UI issues during the development process, preventing post-launch complications while partnering with backend development and project management teams
- Successfully implemented accessibility improvements on client websites(qc-ing color contrast ratios, font sizes, rollovers, and proper labeling), resulting in enhanced compliance with WCAG and ADA guidelines.

Data/Computer Science Tutor   **Berkeley, CA**
UC Berkeley Academic Student Employee   *January 2021 - September 2021*
- Mentored students in complex subjects including Object-Oriented Programming (OOP), recursion, higher-order functions, debugging, time complexities, SQL queries, and regression analysis
- Achieved a 20% average grade increase among students throughout a semester

Projects

NLP for Stack Exchange Text Analysis | *Python*
- Predicted "usefulness" of Stack Exchange questions with data engineering and machine learning algorithms
- Preprocessed HTML formatted-text data: string parsing, RegEx, stemming, and tokenization techniques
- Statistical Models: Logistic Regression, Decision Tree Classifier, Random Forest, Support Vector Machines
- ROC-AUC metric to evaluate model performance and bootstrap analysis to build 95% confidence intervals

Flight Status Data Analytics | *Python*
- Time series analysis of Kaggle flight datasets to predict cancellation status (maximum accuracy - 97.6%)
- Seaborn EDA for robust feature engineering/selection; heatmap visualizations to mitigate multicollinearity
- Implemented logistic regression, linear discriminant analysis, and gradient boosting while tuning hyperparameters to optimize accuracy

My Dropbox | *Golang*
- Developed a file storage/sharing system with an emphasis on cryptographic security, including symmetric/asymmetric encryption, MAC, and Digital Signature to ensure private communication.
- Designed a network of structs representing the flow of username/password storage, user sessions, cryptographic public/private keys, files, sharing and revoking processes
- Achieved full coverage against class provided simulations of adversary attacks