

Noah C. Sano

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Education

University of California, Berkeley

B.S. Data Science & B.S. Cognitive Science
Computer Science Minor

Expected Graduation: May 2024

GPA: 3.6

Language: Japanese & English

Relevant Courses: *Data Structures, Probability Analysis for Engineering, Machine Learning, Artificial Intelligence, Principles/Techniques of Data Science, Computer Architecture, Computer Security, 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
- As a captain, facilitated team meetings to reinforce values/goals and served as consultant to the coaches
- CGA/Pac-12/MPSF All-America Scholar Athlete, winner of the team's Hardest Worker Award(2023)

Skills

Programming Languages: *Python, SQL, Javascript, Java, C, HTML, CSS, R, Golang*

Software/Frameworks: *NumPy, Pandas, Scikit-learn, Statsmodel, Matplotlib, Seaborn, Git, NLTK, Jupyter*

Experience

Data/Computer Science Tutor

Berkeley, CA

UC Berkeley Academic Student Employee

January 2021 - September 2021

- Demonstrated proficiency in providing academic tutoring for Computer Science and Data Science courses
- Conducted regular assessments to track students' progress and identified areas for improvement
- Topics: OOP, recursion, higher order functions, debug, time complexities, SQL queries, Linear Regression

UX Design & Development Intern

Los Angeles, CA

Company: Scorpion

June 2023 - August 2023

- Understood product specifications and user psychology, as well as how to partner with backend development, project management, test engineers, and client teams for client website projects
- Ensured compliance with WCAG and ADA guidelines through verifying and qc-ing color contrast ratios, font sizes, rollovers, captions for videos, and proper labeling to ensure each page is accessible for all users
- Attended workshops with clients to solve UX/UI problems

Software Projects

NLP for Stack Exchange Text Analysis | *Python*

- Predicted "usefulness" of Stack Exchange questions with data engineering and machine learning algorithms
- HTML formatted-text data cleaning: string parsing, RegEx, stemming, and tokenization techniques
- Statistical Methods: Logistic Regression, Decision Trees, Random Forest w/ 10-fold Cross Validation, ROC-AUC metric to evaluate model performance and bootstrap analysis to build 95% confidence intervals
- Softwares: Pandas, Numpy, Scikit-learn, BeautifulSoup, NLTK, Matplotlib, Statsmodel, Jupyter Notebook

Calculator App | *HTML, CSS, Javascript*

- Created a calculator web application hosted on GitHub highlighting an engaging user interface
- Integrated advanced functionalities including calculation logs and the Desmos API for graphing functions.
- Ensured a responsive design for optimal user interaction across various devices

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.
- Wrote a design document that lay out the set of classes/structs representing the internal structures and overall flow of execution, ensuring the privacy and security of files stored in an untrusted database

Git-let | *Java*

- A version-control system, mimicking basic functions of GIT(add, commit, log, merge, status, etc.)
- Organized serialized files as a tree structure to optimize access, addition, and removal of files
- Softwares/Libraries: java.io (Utilize inputs and outputs through data streams, serialization, and file system)