Noah C. Sano

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Education

University of California, Berkeley — Expected Graduation: **May 2024**
Majors: **Data Science & Cognitive Science** — GPA: **3.644**
Minor: **Computer Science** — Online Portfolio URL: **noahcsano.github.io/ns_port**

Software Projects + Work Experience + Related Courses

Projects (Highlights):

- Gitlet: A version-control system, mimicking basic functions of GIT(add, commit, log, merge, status, etc.) Organized serialized files as a tree structure to optimally access, add, and remove files
- Predicting Housing Prices: Performed pandas data cleaning/analysis and seaborn EDA to fit an sklearn linear regression model to a housing data set to predict sales prices based on selected housing features
- Build Your Own World: 2-D Random Tile-based explorable world with save/load features. - Java
- My Dropbox: File storage/sharing system with an emphasis on cryptographic security such as symmetric/asymmetric encryption, MAC, Digital Signature in order to ensure private communication. Designed as a tree structure using C structs representing the network of users, files, invitations, etc. objects

UX Design & Development Intern — **Los Angeles, CA**
Scorpion — *June 2023 - August 2023*

- Collaborating with other team members to come up with UI UX strategies based on client goals
- Understanding 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
- Learning WCAG & ADA compliance guidelines

Academic Tutor — **University of California, Berkeley**
UC Berkeley Athletic Study Center (Academic Student Employee) — *January 2021-September 2021*

- Provided student athletes with academic support for a Compsci, Cog-sci, and Data Science courses

Related Courses

- Data Structures (OOP, linear lists, queues/stacks, trees, sort/search algorithms, graphs, hash tables)
- Principles and Techniques of Data Science (machine learning algorithms: linear regression, classification/clustering; exploratory data analysis/visualizations)
- Intro to AI(Implement Pacman using search algorithms, Bayes Net, MDP, perceptrons, linear regression)
- Computer Architecture (C programming/debugging-gdb, RISC-V, CPU/Pipelining, Caches)
- Computer Security(Memory Safety-buffer overflows, Cryptography, Web-SQL-XSS, Networking)

NCAA D1 Athletics + Leadership Experience

Active member of an NCAA Division 1 Gymnastics team at UC Berkeley
Cal Men's Gymnastics — *August 2019 - May 2024*

- Dedicate 20+ hours/week of D1 collegiate gymnastics training, conditioning, and meetings in preparation for NCAA competitions (2019-2024 Scholarship recipient)

UC Berkeley Benefit Camp Gymnastics Coach — **University of California, Berkeley**
Cal Athletics — *July 2021, 2022, 2023*

- Coached junior olympic/elite gymnasts through strength/conditioning and skill development

Skills

Technical Skills: *Python, SQL, Java, C, HTML, CSS, R, Golang*
Tools: *Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, Git, MS Office*
Languages: English(Native) & Japanese(Native)