

Noah C. Sano

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Education

University of California, Berkeley

Double Major: B.S., Data Science + B.S., Cognitive Science

Minor: Computer Science

Expected Graduation: May 2024

Major GPA: 3.644

Languages: English & Japanese

Software Projects + Work Experience + Related Courses

UC Berkeley Course Projects: Structures and Interpretation of Computer Programs

- 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 visualizations to fit a sklearn linear regression model to a housing data set to predict housing prices based on selected features
- Build Your Own World: 2-D Random Tile-based explorable world with save/load features.
- My Dropbox: File storage/sharing system with an emphasis on cryptographic security such as symmetric/asymmetric encryption, MAC, Digital Signatures in order to ensure private communication
Created a tree structure with C (language) structs representing user, file, invitation, etc. objects

User Experience Design Internship

Scorpion

Los Angeles, CA

June 2023 - Present

- Helped design visual user interfaces using Figma and Adobe Photoshop/Illustrator
- Attended design review and presentation conferences alongside senior designers and developers

Academic Tutor

Academic Student Employee (UC Berkeley Athletic Study Center)

University of California, Berkeley

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,etc.)
 - Computer Security(Memory Safety-buffer overflows, Cryptography, Web-SQL-XSS, Networking)
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NCAA D1 Athletics + Leadership Experience

Active member of an NCAA Division 1 Gymnastics team at Cal Berkeley

Cal Men's Gymnastics

August 2019 - Current

- 20+ hours per week of division 1 collegiate level gymnastics training and meetings in preparation for NCAA championships and other national level competitions (2019-2024 Scholarship recipient)

UC Berkeley Benefit Camp Gymnastics Coach

Cal Athletics

University of California, Berkeley

July 2021

- Lead junior olympic/elite level gymnasts through warmups and coached them on skill development
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Skills, Languages

Technical Skills

- *Python, SQL, Java, C, HTML, CSS, R, Golang, Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, Git, MS Office*
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Awards & Achievements

- 2020-23 College Gymnastics Association + MPSF Scholar Athlete