

Noah C. Sano

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Education

University of California, Berkeley

Expected Graduation: **May 2024**

Majors: **Data Science & Cognitive Science**

GPA: **3.6**

Minor: **Computer Science**

Online Portfolio URL: noahcsano.github.io/ns_port

Relevant Courses: *Data Structures, Principles and Techniques of Data Science, Intro to Artificial Intelligence, Computer Architecture, Computer Security, Discrete Math and Probability Theories*

Software Projects + Related Experience

Predicting Housing Prices

Principles/Techniques of Data Science(UC Berkeley)

Language: *Python*

Spring 2023

- Performed pandas data cleaning/analysis and seaborn EDA to fit an scikit-learn linear regression model to a housing data set to predict sales prices based on selected housing features
- Softwares/Libraries: Pandas, Numpy, Seaborn, Matplotlib, Scikit-learn, Jupyter Notebook

My Dropbox

Computer Security(UC Berkeley)

Language: *Go*

Spring 2022

- 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 structs representing the network of users, files, invitations, etc. objects
- “github.com/cs161-staff/project2-userlib”- APIs for server/UUID handling, key generation, and testing

Gitlet

Data Structures(UC Berkeley)

Language: *Java*

Spring 2021

- 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
- Softwares/Libraries: java.io (Utilize inputs and outputs through data streams, serialization, and file system)

UX Design & Development Intern

Los Angeles, CA

Scorpion

June 2023 - August 2023

- Dissected research and deconstruct users' digital interactions and habits into possible solutions for clients
- Understand 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 through verifying color contrast on webpages, implementing video captioning, and adhering to other relevant guidelines to meet accessibility standards

Academic Tutor

Berkeley, CA

UC Berkeley Academic Student Employee

January 2021 - September 2021

- Demonstrated proficiency in providing academic tutoring for Structure and Interpretation of Computer Programs, Foundations of Data Science, and Intro to Cognitive Science
 - Conducted regular assessments to track students' progress and identify areas for improvement
 - Implemented study strategies and time management techniques to enhance students' organizational skills
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Athletic Experience

Cal Men's Gymnastics

August 2019 - Present

- Dedicate 20 hours/week of D1 collegiate gymnastics training, conditioning, and meetings in preparation for NCAA competitions, concurrently managing academic responsibilities (2019-2024 Scholarship recipient)
 - Selected as an SAL(Senior Apparatus Leader): Monitor team progress on designated apparatus, assessing individual and collective performances to identify strengths and areas for improvement.
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Skills

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

Tools: *Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, Git, MS Office*

Languages: *English(Native) & Japanese(Native)*