

# Noah C. Sano

2133 Parker Street Unit 3, Berkeley CA, 94704 | noahcsano@berkeley.edu | 818-641-6228

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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](https://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*

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## 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 a 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

- Created a file storage/sharing system with an emphasis on cryptographic security, including symmetric/asymmetric encryption, MAC, and Digital Signature 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 optimize access, addition, and removal of files
- Softwares/Libraries: java.io (Utilize inputs and outputs through data streams, serialization, and file system)

### Calculator App

Language: *HTML, CSS, Javascript*

Summer 2023

- 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

### UX Design & Development Intern

**Los Angeles, CA**

*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
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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)

### Team Captain

*Fall 2023 - Spring 2024*

- Analyzed individual and collective performances to identify strengths and areas for improvement
  - Coordinated team activities and served as consultants to the coaches for certain team decisions
  - Led/facilitated team meetings to reinforce team values/goals and moderate discussions
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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*