Nicolas Perez

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EDUCATION

University of California, Berkeley   May 2025
B.S. Data Science and Environmental Economics
Relevant Coursework: Interpretation of Computer Programs, Computer Science Data Structures, Data Econometrics, Artificial Intelligence

SKILLS

Front-End: JavaScript, Vue.js, css, html
Back-End: Python, Java, R, SQL, Scheme, Snap!, RegEx, Pandas
Other: Excel, GitHub, Spanish, Emotional Intelligence

PROFESSIONAL EXPERIENCE

UC Berkeley Computer Science Department - CS10   August 2024 - Present
Academic Intern
● Provide tutoring, debugging help, and lesson prep at lab sections and office hours for CS10 (The Beauty and Joy of Computing)
● Focused on fundamental computer science concepts through Python, passionate about helping kids start their coding journey
● Creating adaptable lesson plans and academic guidance for kids of varying levels, focusing on building the confidence of all students

Hoamsy   May 2024 - September 2024
Software Development Intern
● Largely independent lead software intern, handling sophisticated challenges through being resourceful and proactive
● Developed a large portion of a section's UI and integrated data structures to collect data, utilizing vue.js, javascript and css
● Worked directly with the ceo to bring their business vision to the website's design and user experience

EarnUp   August 2023- January 2024
Project Manager
● Lead a team of business analyst's in conducting research, analysis, and the implementation of business strategies
● Lead initiatives to increase millennial engagement on EarnUps general online presence, resulting in a 20% increase of engagement
● Conducted thorough primary research plans on campus to give EarnUp perspective from members of the student loan market

PROJECTS

Chess Interactive Game   August 2024
● Implemented the GUI classes using JavaSwing to allow for simulated chess games between 2 players
● Utilized Java And object oriented programming techniques to construct the classes that represented the board, players, and rules

NGordnet Tool   December 2023
● Implemented software tool that processes text data to determine the frequency of words and their associations with other words
● Developed the tool using Java and integrated caching and parallel processing techniques to improve its speed and efficiency

WPM Typing Game   June 2023
● Collaborated on the development of a Python based multiplayer typing game that real-time autocorrect and tracking speed
● Developed the game to include randomized prompts, instantaneous accuracy and speed calculations, autocorrect features

VOLUNTEER EXPERIENCE

Consult Your Community   January 2024 - Present
External Vice President / New Member Educator
● Responsible for creating and executing activities to facilitate member retention
● Responsible for facilitating the recruitment for the Spring 2024 analyst class, as well as the management and well-being of the club
● Head of the external initiatives, gathering professional development resources and funding, increasing club's budget by 250%

Business Review at Berkeley   August 2022 - June 2023
Investment Columnist
● Conducted in depth market analysis and investment research to create articles, specifically regarding technology
● Published two articles regarding the Fall of Cryptocurrency; the Future of Air BnB's
● Employed intensive writing and editing skills